Computerized Patient Record System (CPRS)

Technical Manual

GUI version

February 2009

Department of Veterans Affairs

Computerized Patient Record System Product Line

Revision History

This revision history contains the page numbers where changes in the manual begin. For the most recent entries in the MS Word file, the page number is also hyperlink. Click (or Ctrl + Click depending on your options) on the page number to go to the section. Many entries under Change(s) also contain hyperlinks.

Date	Patch	Page(s)	Change(s)	Project Manager	Technical Writer
12/1/08	OR*3.0*292	76, 219, 303	Updated the Order Authorization/Access section regarding clerk access to orders. Changed the OR OREMAS MED ORDERS parameter description by function and by name to match what developers changed it to. It more accurately reflects how the parameter works.	J. Hartin	T. Robinson
8/4/08	OR*3.0*243	185	Added a small section about an added resource device that enables caching with graphing to improve graphing performance.	A. Ebert	T. Robinson
5/8/08	OR*3.0*243	225, 386	Added descriptions for ORWDXVB VBECS TNS CHECK by function and by name.	A. Ebert	T. Robinson
4/14/08	OR*3.0*243	265, 304	Added descriptions for OR RA RFS CARRY ON by function and by name.	A. Ebert	T. Robinson
4/2/08	N/A	n/a	Removed reference to a non-existent parameter OR DELAYED LAPSE ORDERS DAYS.	A. Ebert	T. Robinson
3/29/08	OR*3.0*243	134	Added information about lapsing of old orders.	A. Ebert	T. Robinson
3/13/08	OR*3.0*243	76	Added some information about Recently Expired Orders.	A. Ebert	T. Robinson
2/7/08	OR*3.0*243	178	Added some information about configuring the Mental Health dll for use with Reminders.	A. Ebert	T. Robinson
2/1/08	OR*3.0*243	253, 281, 300, 307	Added information about parameter OR	A. Ebert	T. Robinson

			FLAGGED ORD REASONS by function and by name and parameter OR USE MH DLL by function and by name.		
1/16/08	OR*3.0*243	110, 130	Changed references to TIME PAT OUT OR to TIME PAT IN OR for discontinuing orders affecting delayed orders.	A. Ebert	T. Robinson
12/17/07	OR*3.0*243	225, 308, 226, 309	Added information about OR VBECS COMPONENT ORDER by function and by name, OR VBECS MODIFIERS, by function and by name, OR VBECS REASON FOR REQUEST by function and by name, and OR VBECS SUPPRESS NURS ADMIN by function and by name.	A. Ebert	T. Robinson
11/21/07	OR*3.0*243	31	Added a section about date and time entry into CPRS, including how 00:00 is not changed to 00:00:01 to make is less ambiguous.	A. Ebert	T. Robinson
11/19/07	OR*3.0*243	237, 394	Added an expanded description of the ORWOR EXPRIED ORDERS parameter by name and by function.	A. Ebert	T. Robinson
11/19/07	OR*3.0*243	273, 325	Added an expanded description of the ORCH CONTEXT MEDS parameter by name and by function.	A. Ebert	T. Robinson
11/8/07	OR*3.0*243	267, 301, 267, 301	Added a description of the OR LAPSE ORDERS parameter by name and by function and the OR LAPSE ORDERS DFLT parameter by name and by function.	A. Ebert	T. Robinson
8/6/07	OR*3.0*243	77	Added a note about IMO locations.	A. Ebert	T. Robinson
7/6/07	OR*3.0*243	227, 390	Added a description of the new ORWLR LC	A. Ebert	T. Robinson

			CHANGED TO WC parameter that defines the text on the message screen when a lab collect order is changed to a ward collect. This parameter is in the manual by name and by function.		
4/4/07	OR*3.0*232	305	Added a note to the parameter definition.	D. Rickard	T. Robinson
2/2/07	OR*3.0*232	various	Changed dates for release.	D. Rickard	T. Robinson
2/2/07	OR*3.0*232	259, 305	Added notes for setting Remote Data Interoperability (RDI) parameters through the menu OR RDI PARAMS by function and by name.	D. Rickard	T. Robinson
1/19/06	OR*3.0*243	267, 299	Added description of new parameter OR DC REASON LIST by function and by name.	A. Ebert	T. Robinson
1/19/06	OR*3.0*243	236, 297	Added description of new parameter OR ADMIN TIME HELP TEXT by function and by name.	A. Ebert	T. Robinson
1/19/06	OR*3.0*243	263, 298	Added description of new parameter OR CLOZ INPT MSG by function and by name.	A. Ebert	T. Robinson
12/19/06	OR*3.0*260	42	Updated the web addresses for the VHA Document Library (VDL).	A. Ebert	T. Robinson
12/7/06	OR*3.0*260	42, 295, 387	Revised the sections regarding CPRS Graph Public Editor Classes by function and by name. Removed steps under "Editing Public Display Options and Views" that referred to user level that has been removed.	A. Ebert	T. Robinson
11/27/06	OR*3.0*242	188	Added some information about the ORCL NATURE menu option.	S. Madsen	T. Robinson
8/18/06	OR*3.0*260	36, 283,	Removed references to Treatments as a graphing	Ebert	T. Robinson

		363	item.		
7/11/06	OR*3.0*264	270, 406	Corrected the address for the ORWRP VISTAWEB ADDRESS parameter for the parameter listings by function and by name.	Ebert	T. Robinson
4/20/06	OR*3.0*215	23	Added a note to inform sites that the CPRS Technical Manual should be used in conjunction with this manual. It has not been retired.	Ebert	T. Robinson
4/3/06	OR*3.0*215	403	Added information about parameters that determine how items on the reports tab are listed by function and by name	Ebert	T. Robinson
4/3/06	OR*3.0*215	294, 387	Added information about several graphing parameters by function and by name.	Ebert	T. Robinson
3/30/06	OR*3.0*215	250, 320	Added information about the parameter ORB REMOVE NON-OR by function and by name.	Ebert	T. Robinson
3/30/06	OR*3.0*215	77	Added information about IMO set up.	Ebert	T. Robinson
3/3/06	OR*3.0*215	282, 297	Information about the parameter OR ALLERGY ENTERED IN ERROR by function and by name.	Ebert	T. Robinson
3/3/06	OR*3.0*215	25	Added information to about the CCOW PATIENTONLY command line switch.	Ebert	T. Robinson
3/2/06	OR*3.0*215	40	Added "Configuring Graphing" section to explain graphing setup and configuration.	Ebert	Walton
2/7/06	OR*3*215	270, 401	Added information about a new parameter to control access to data from the health data repository (HDR). Described by function and by name.	A. Ebert	T. Robinson
8/11/05	OR*3*215	263, 399	Added information about the ORWPFSS ACTIVE parameter used for testing by function and by name.	D. Rickard	T. Robinson
7/11/05	OR*3*215		Added information about the new VistaWeb	M. Hendry	T. Robinson

			parameter to indicate if users will use Remote Data Views or VistaWeb for remote data viewing. Defined by function and by name.		
7/11/05	OR*3*215	270, 406	Added information about the new VistaWeb parameter to define the web address. Defined by function and by name.	M. Hendry	T. Robinson
5/2/05	n/a	39	Corrected outdated information about ORB SORT ORDER parameter values.	n/a	T. Robinson
12/28/04	n/a	various	Made changes to the manual to comply with SOP about Sensitive date.	N/A	T. Robinson
11/17/04	n/a	Revision history	Added project manager and technical writer names per direction from management	n/a	T. Robinson
11/4/04	OR*3.0*195	50	More minor revisions to this section.	T. Baxter	T. Robinson
10/27/04	OR*3.8*222	289, 300	Added information about the parameter for Group Notes locations by function and by name.	A. Ebert	T. Robinson
10/21/04	OR*3.0*195	50	Additional revisions to the CIDC section about the switches.	T. Baxter	T. Robinson
9/30/04	OR*3.0*195	50	Revised section dealing with the CIDC Individual Provider switch and accompanying reports.	T. Baxter	T. Robinson
8/16/04	OR*3.0*195	220, 298	Added a description of the CIDC parameter by function and by name.	T. Baxter	T. Robinson
8/10/04	OR*3.0*195	50	Updated the information about enabling the CIDC switch for individual clinicians.	T. Baxter	T. Robinson
6/30/04	OR*3.0*195	227, 390	Added information about the parameter that controls the message on the dialog for Other schedules (custom or day-of-week or admin/time schedules) by function and by parameter name.	M. Hendry	T. Robinson
6/4/04	OR*3.0*195	138	Added information about modifications to the GMRAOR ALLERGY order-entry dialog. These	A. Ebert	C. Walton

			modifications enable CPRS to enter allergy/adverse reaction information directly into the Allergy/Adverse Reaction Tracking (ART) package.		
5/19/04	OR*3.0*195	361, 361, 368	Added notes about previous date range parameters for the Cover Sheet start and stop dates and for the Encounter form visit start date and stop dates being discontinued.	M. Hendry	T. Robinson
5/17/04	OR*3.0*195	287, 364	Added information about the new parameter that let's sites specify the number of days in the future that a user may select an encounter without CPRS warning them that the encounter is too far in the future and they may be violating local policy. This parameter is listed by function and by name.	M. Hendry	T. Robinson
5/17/04	OR*3.0*195	286, 363, 364	Added information about the new date range parameters (ORQQEAPT ENC APPT START and ORQQEAPT ENC APPT STOP) for appointments on the Encounter form by function and by name.	M. Hendry	T. Robinson
5/17/04	OR*3.0*195	285, 362	Added information about the new date parameters (ORQQCSDR CS RANGE START and ORQQCSDR CS RANGE STOP) for appointments, visits, and admissions on the Cover Sheet by function and by name.	M. Hendry	T. Robinson
5/5/04	OR*3.0*195	50	Added information about enabling Clinical Indicators Data Capture (CIDC) features.	T. Baxter	T. Robinson
5/4/04	OR*3.0*190	30	Added information about the ORWCH BOUNDS parameter that now stores the sizes of the inpatient,		

			Non-VA, and outpatient display areas on the Meds tab.		
4/27/04	OR*3.0*190	294, 396	Highlighted information about the Surgery tab parameter ORWOR SHOW SURGERY TAB by function and by name.		
4/27/04	OR*3.0*190	303, 264	Added information about the new non-VA meds parameter that controls what clerks (those holding the OREMAS) key can do with entering and DCing non-VA Meds by name and by function.		
1/28/04	OR*3.0*190	25	Added information about command line switches available in CPRS.		
1/28/04	OR*3.0*190	237, 394	Added description of Hours To Find Recently Expired Meds in the parameters by function section and ORWOR EXPIRED ORDERS in the parameters by name section.		
1/27/04	OR*3.0*190	256, 321	Added new values in the "Notification Sort Method" parameter (by function) named ORB SORT METHOD (by name) for saving Notification sort order.		
1/22/04	OR*3.0*190	139	Added instructions on how to enter different Non-VA Med reasons for the system and division levels of the ORWD NONVA REASON parameter.		
1/22/04	OR*3.0*190	320, 249, 372, 237	Added information about the parameter ORB REMOVE (by name and by function) controlling the use of the Notifications Remove button and the parameter ORWD NONVA REASON (by name and by function) where reasons for Non-VA Meds are stored.		

9/10/03	OR*3.0*187	76, 73,71	Added information about authorizing hospital locations to order inpatient medications for outpatients. This capability was added with CPRS GUI version 23. Also added information about configuring stop dates for inpatient medication orders for outpatients.		
9/9/03	OR*3.0*173	290	Added description of Show Unresolved Consults (ORWOR SHOW CONSULTS) parameter in section of parameters by function.		
9/9/03	OR*3.0*173	395	Added description of Show Unresolved Consults (ORWOR SHOW CONSULTS) parameter in section of parameters by name.		
7/8/03		141	Added more required information for PKI.		
3/2003		420	CPRS GUI v21 Changes to COM Object Template Functionality		
2/2003		141 , 394	Added information about digital signatures in CPRS. Also added the information about the PKI parameters.		
10/2002			Added new section on event-delayed orders. Added Automatically Discontinuing Orders Section Frequently Asked Questions about Event-Delayed Orders and Automatically Discontinuing Orders (Auto-DC Rules) Added new parameters for event-delayed orders (OREVNT COMMON LIST, OREVNT DEFAULT, OREVNT EXCLUDE DGRP, OREVNT MANUAL RELEASE, OREVNT		

			MANUAL RELEASE CONTROL)		
May 2002			Added Appendix H - Accessibility about creating or adding to JAWS screen reader configuration files.		
April 2002			Added a note about SetContext for COM objects and a revision about the execute function; removed duplicate information from Appendix F		
June 2001			Patch 85		
August 2001			Added Appendix F - Creating CPRS extension COM object in Delphi Reports tab parameters, available reports		

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Introduction

What is CPRS?

The Computerized Patient Record System v.1.0 (CPRS) is a Veterans Health Information Systems and Technology Architecture (VISTA) computer application. CPRS enables you to enter, review, and continuously update all information connected with any patient. With CPRS, you can order lab tests, medications, diets, radiology tests and procedures, record a patient's allergies or adverse reactions to medications, request and track consults, enter progress notes, diagnoses, and treatments for each encounter, and enter discharge summaries.

CPRS not only allows you to keep comprehensive patient records, it enables you to review and analyze the data gathered on any patient in a way that directly supports clinical decision-making.

Using CPRS Documentation

Related Manuals

- Computerized Patient Record System Installation Guide
- Computerized Patient Record System Setup Guide
- Computerized Patient Record System Clinician Guide
- Computerized Patient Record System Technical Manual
- Text Integration Utility (TIU) Technical Manual
- TIU/ASU Implementation Guide
- Authorization/Subscription Utility (ASU) Technical Manual
- Consult/Request Tracking Technical Manual
- Clinical Reminders Manager Manual

Note: The CPRS Technical manual is a companion to this manual and contains a wealth of information about setting up CPRS, files, and how order checking and notifications work to name just a few items. Sites should be familiar with and use both manuals.

World Wide Web

CPRS documentation is also available on the VistA Document Library (VDL) The online versions will be updated as needed. Please look for the latest version on the VDL:

http://www.va.gov/vdl

CPRS GUI Interface

CPRS was built to run in both the Microsoft Windows operating environment (usually referred to simply as Windows) and on terminals. The terminal, text-based version of CPRS is not described in this manual. This manual describes the Windows version of CPRS. The Graphical User Interface (GUI) version of CPRS uses graphical elements, such as lines, boxes, and pictures, to display information instead of just text. Windows is another example of a GUI.

The Organization of this Manual

This manual is organized in the way most people will see the CPRS GUI product. CPRS is patterned similar to the patient's chart. The technical aspects of each tab in the chart are explained. The configuration of CPRS is controlled using the Parameter file. Several parameters affect the presentation of the chart by controlling defaults and allowing functionality to be enabled. Parameters are further listed in the appendix. Remote Procedure Calls (RPC) are also listed. An RPC is a procedure called from the client (the user's workstation) communicating to the server (the M database).

General Application Settings

The settings described in this section refer to those not generally tied to any tab in CPRS, but apply to the overall application. This section covers the following areas:

- Command line switches
- Initial View
- Tools Menu
- Window Layout
- Timeouts
- Miscellaneous

Command Line Switches

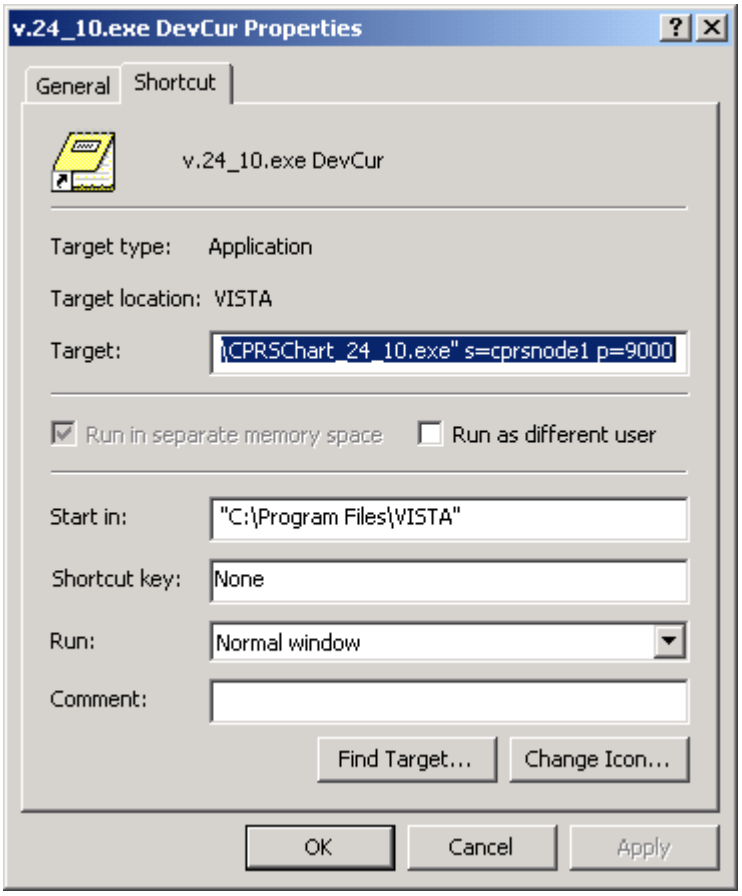
CPRS supports several command line switches. The switches enable users define certain parameters, such as the name of the server or the port number. Others enable users to force certain behaviors in CPRS, such as debugging, showing which remote procedure calls are executing, forcing, limiting, or disabling context management, and turning off the CPRS splash screen.

The switches supported by CPRS are as follows:

SERVER= or S=	name of server to connect to
PORT= or P=	broker port on that server
DEBUG	allow server-side debugging and breakpoints (see RPCBroker docs)
SHOWRPCS	show RPCs in status bar as they execute
CCOW=	DISABLE - run in non-CCOW mode
	FORCE - force second and subsequent instances of CPRS to link to context on startup
	PATIENTONLY - limits context management to patient context only, not user context
SPLASH=	OFF - do not show splash screen

Note: Although there are three CCOW command line switches, CPRS can only use one at a time. If users put more than one CCOW switch in the shortcut, CPRS will use only the first one.

These switches can be placed anywhere used to run CPRS, such as the Run window, a batch file, or in the Target field of a CPRS shortcut as shown in the graphic below:



This screen shot shows the Properties of a windows shortcut. In the Target field, command line switches defining the server and the port are shown.

Initial View

The first tab that displays when a user starts CPRS may be set by the parameter ORCH INITIAL TAB. This parameter may be set for the site and then overridden at the division and user levels, as needed. If no value is set, the chart will open, by default, to the Cover Sheet. ORCH INITIAL TAB may be set to the following values:

- 1 Cover
- 2 Problems
- 3 Meds
- 4 Orders
- 6 Notes
- 7 Consults
- 8 DC Summ
- 9 Labs
- 10 Reports

Note: The number 5 is not one of the possible values. It is reserved.

Additionally, CPRS may be configured to remain on the same tab when the user changes to another patient record. Setting ORCH USE LAST TAB to “yes” will accomplish this. If ORCH USE LAST TAB is set to “no” or not set, the chart will always open to the tab identified by ORCH INITIAL TAB when changing patients.

Tools Menu

A site may use the Tools menu to give users access to other client software from within CPRS. The parameter, ORWT TOOLS MENU, is used to set up the list of software that appears on the menu. This parameter may be set up for the site, then overridden as appropriate at the division, service, and user levels.

Each item entered on the menu should have the form, NAME=COMMAND. NAME is the name you want the user to see on the menu. An ampersand may be used in front of a letter to allow keyboard access to the menu item. The COMMAND may be a line that can be executed by Windows. It may also be any file for which Windows has a file association.

Example: Create a user’s tools menu that contains Notepad, access to the CPRS Web page, and a terminal session to the local site.

```
Select General Parameter Tools Option:  ep  Edit Parameter Values
                         --- Edit Parameter Values ---
Select PARAMETER DEFINITION NAME: orwt TOOLS MENU     CPRS GUI Tools
MenuORWT TOOLS MENU may be set for the following:
     1   User          USR    [choose from NEW PERSON]
     2   Location      LOC    [choose from HOSPITAL LOCATION]
     2.5 Service       SRV    [choose from SERVICE/SECTION]
     3   Division      DIV    [REGION 5]
     4   System        SYS    [OEC.ISC-SLC.VA.GOV]
Enter selection: 1  User   NEW PERSON
Select NEW PERSON NAME: CPRSPROVIDER,TEN          TC

-------------- Setting ORWT TOOLS MENU  for User: CPRSPROVIDER, TEN -----
Select Sequence: 1
Are you adding 1 as a new Sequence? Yes//   YES
Sequence: 1//    1
Name=Command: &Notepad=Notepad.exe
Select Sequence: 2
Are you adding 2 as a new Sequence? Yes//   YES
Sequence: 2//    2
Name=Command: &CPRSInfo=http://vista.med.va.gov/cprs/index.html
Select Sequence: 3
Are you adding 3 as a new Sequence? Yes//   YES
Sequence: 3//    3
Name=Command: &VistA=”C:\Program Files\Attachmate\KEA! VT\keavt.exe”
LOCALVAMC
Select Sequence:
```

Note that CPRSInfo did not require an executable file to be identified. Since Windows understands hypertext transfer protocol (HTTP), it will launch the workstation’s default browser and navigate to the address. Also note the quotation marks in the VistA Terminal example. A path that contains space characters (like C:\Program Files\...) must be surrounded by quotation marks. Entries on the command line may also contain parameters. In the example above, LOCALVAMC is the name of a KEA! session that is passed as a command line parameter.

It is possible to pass context-sensitive parameters. These are parameters that are entered as placeholders, and then converted to the appropriate values at runtime. These placeholder parameters are:

%SRV = Server name for the current broker connection.

%PORT = Port number for the current broker connection.

%MREF = M code giving the global reference where the patient DFN is stored.

%DFN = The actual DFN of the currently selected patient.

%DUZ = Internal entry number of the current user.

So, if you have another application that needs to know, for example, the identity of the current user and currently selected patient, you could list %DUZ and %DFN as parameters in the command that executes that program.

Example: Add VistA Imaging as a fourth item on the Tools menu above. Pass it to the server and port used by CPRS, in addition to the global reference that contains the current patient identifier.

```
Select General Parameter Tools Option: ep  Edit Parameter Values
                        --- Edit Parameter Values ---
Select PARAMETER DEFINITION NAME: orwt TOOLS MENU     CPRS GUI Tools Menu
ORWT TOOLS MENU may be set for the following:
     1   User          USR    [choose from NEW PERSON]
     2   Location      LOC    [choose from HOSPITAL LOCATION]
     2.5 Service       SRV    [choose from SERVICE/SECTION]
     3   Division      DIV    [REGION 5]
     4   System        SYS    [OEC.ISC-SLC.VA.GOV]
Enter selection: 1  User   NEW PERSON
Select NEW PERSON NAME: CPRSPROVIDER,TEN          TC

-------------- Setting ORWT TOOLS MENU  for User: CPRSPROVIDER, TEN -----
Select Sequence: 4
Are you adding 4 as a new Sequence? Yes//   YES
Sequence: 4//    4
Name=Command: Imaging=c:\cprs\exesave\aRecvParam.exe S=%SRV P=%PORT
M=%MREF
```

When the user clicks “Imaging” from the Tools menu, Imaging will be called and the actual server, port, and global reference will be substituted as command line parameters.

Window Layout

When a user exits, the sizes and positions of major CPRS windows and controls are saved. The following parameters are used to store window settings:

ORWCH BOUNDS stores the left, top, width, and height pixel positions of a window, splitter, or display area (areas on the Meds tab). The internal window name is used to identify each instance of this parameter. For example, if user CPRSPROVIDER, TEN exits the main window in CPRS (frmFrame), a ORWCH BOUNDS parameter might be stored as:

1. Entity: USR:CPRSPROVIDER,TEN
2. Instance: frmFrame
3. Value: 0, 10, 730, 500

This would indicate that the window was to the left (left=0), 10 pixels from the top (top=0), 730 pixels wide and 500 pixels high.

Deleting an entry will reset the associated window or dialog to its default values. A value of all zeros (0,0,0,0) indicates that the window or dialog is maximized to fill the screen.

The following table lists the internal names that are commonly used with this parameter.

Name	Description
frmFrame	Main CPRS window (contains tabs, menus, header bar)
frmODAllergy	Allergy ordering dialog
frmODAuto	Auto-accept quick orders (normally not visible)
frmODCslt	Consult ordering dialog
frmODDiet	Diet ordering dialog
frmODGen	Dynamically created generic order dialog
frmODLab	Lab ordering dialog
frmODMedIV	IV ordering dialog
frmODMedIn	Inpatient medications ordering dialog
frmODMedOut	Outpatient medications ordering dialog
frmODMisc	Nursing orders dialog
frmODRad	Imaging ordering dialog
frmODVitals	Vitals ordering dialog
frmOMNavA	Order menu window
frmOMSet	Order set display
frmOMVerify	Verify order dialog
frmRemDlg	Reminders dialog

There are two internal names used with this parameter that store splitter positions, rather than window positions, with each value representing a different splitter position.

Name	Description
frmDrawerSplitters	Stores a different splitter value for drawer splitter position on the Notes, consults, and Discharge Summary tabs.
frmRemDlgSplitters	Stores two splitter positions for Reminder dialogs.

There are three internal names used with this parameter that store the sizes of inpatient, Non-VA Meds, and outpatient medication area. The left, top, width, and height pixel positions of each area are stored. If a user changes the sizes, the new values are stored in this parameter.

Name	Description
pnlMedIn	Stores the left, top, width, and height pixel positions of the inpatient medications display.
pnlMedOut	Stores the left, top, width, and height pixel positions of the outpatient medications display.
pnlNonVA	Stores the left, top, width, and height pixel positions of the Non-VA medications display.

ORWCH WIDTH stores the position of the splitter bar on most tabs. Usually the width of the left-most pane in the window is stored. Each instance is identified by the internal name of the window and control. A sample of this parameter could be:

1. Entity: USR: CPRSPROVIDER,TEN
2. Instance: frmNotes.pnlLeft
3. Value: 169

This would indicate that when the user last exited CPRS, the splitter bar on the notes tab was placed such that the left side (the list of notes) was 169 pixels wide.

The following tables list the internal names that are often used with this parameter.

Name	Description
frmConsults.pnlLeft	Consults tab, left side (list of consults)
frmDCSumm.pnlLeft	Discharge Summary tab, left side (list of summaries)
frmLabs.pnlLeft	Labs tab, left side (selection of report)
frmNotes.pnlLeft	Notes tab, left side (list of progress notes)
frmOrders.pnlLeft	Orders tab, left side (Order Sheets & Write Orders lists)
frmProblems.pnlLeft	Problems tab, left side (problem status & pick lists)
frmReports.pnlLeft	Reports tab, left side (list of reports)

ORWCH COLUMNS stores the width of columns for grid displays such as the medication lists. The width of individual columns is listed in a comma-delimited string. FormName.HeaderName identifies each instance. A sample of this parameter might be:

1. Entity: USR: CPRSPROVIDER,TEN

2. Instance: frmMeds.hdrMedsIn
Value: 42,516,62,62

This would indicate that the column widths for the list of inpatient medications was last saved as Action = 42 pixels, Medication = 516 pixels, stop date = 62 pixels, and status = 62 pixels.

The following table lists the internal names that are often used with this parameter.

Name	Description
frmMeds.hdrMedsIn	Meds tab, inpatient medications list
frmMeds.hdrMedsOut	Meds tab, outpatient medications list
frmOrders.hdrOrders	Orders tab, orders list

Entering Time into CPRS Fields

CPRS generally allows users to enter time in several different formats. Users can often enter month-day-year dates (such as 05/01/65) or users can sometimes spell out the month (November 22, 2001) or as a date referenced from today (t-30 for a month in the past, today minus 30).

Users often can enter a time as well as a date. For tasks such as medication ordering and administration, entering a time can be critical. Times are entered as a 24-hour time, not with a 12-hour clock and an a.m. and p.m. For example, the time 8 a.m. is entered as 08:00:00, whereas 8 p.m. is entered as 20:00:00.

Note: The time 00:00 presents a challenge because it can be ambiguous as to when it is. To address this issue, CPRS changes the time of 00:00 to 00:01. This makes the time belong to a specific day, increasing clarity. Similarly, if a user selects Midnight, CPRS makes the time 23:59.

Timeouts

Two parameters control the timeout behavior of the CPRS GUI.

- **ORWOR TIMEOUT CHART** allows the CPRS GUI to have its own timeout, independent of DTIME. This is the number of seconds that CPRS should remain idle before timing out. This timeout applies only to the GUI version of CPRS and not to any other application. If it is not set, the value of DTIME is used.
- **ORWOR TIMEOUT COUNTDOWN** is used to specify how long the warning window should appear before a user times out. It is possible that a user could timeout in CPRS while using another application on the workstation. So a warning window with a count down is displayed to the user. The value is the number of seconds for the countdown before CPRS is closed.

Miscellaneous

Event Notification

CPRS broadcasts messages to notify other applications about events within CPRS, such as when a patient changes.

ORWOR BROADCAST MESSAGES

Web Access

When this parameter is set to yes, web links in the CPRS GUI will be disabled or hidden.

ORWOR DISABLE WEB ACCESS.

Personal Preferences (GUI)

Personal Preferences are edited in the GUI version of CPRS using the Tools | Options menu. A user's configurations are primarily determined by settings in CPRS parameters in the Parameter file, while other defaults may use file settings or Kernel utilities. This outline shows which parameters are being used at the user level.

General tab

Tab Element	Dialog Element	Field	Parameter(s)	Note
Date Range Defaults	Lab Results	Use Defaults (uses non-user defaults	ORQQLR DATE RANGE INPT	
			ORQQLR DATE RANGE OUTPT	
		Inpatient days	ORQQLR DATE RANGE INPT	
		Outpatient day	ORQQLR DATE RANGE OUTPT	
	Appointments and Visits	Use Defaults (uses non-user defaults	ORQQVS SEARCH RANGE START	When settings are stored: Both ORQQVS SEARCH RANGE START and ORQQAP SEARCH RANGE START store the same value. Both ORQQVS SEARCH RANGE STOP and ORQQAP SEARCH RANGE STOP store the same value.
			ORQQAP SEARCH RANGE STOP	
		Start	ORQQAP SEARCH RANGE START	
		Stop	ORQQAP SEARCH RANGE STOP	

Clinical Reminders		Reminders not being displayed		These are the entries from the REMINDER DEFINITION file (#811.9) except for entries that are used by the user (ORQQPX SEARCH ITEMS) or those that are not active.
		Reminders being displayed	ORQQPX SEARCH ITEMS	
Other Parameters	Chart tabs	Initial tab	ORCH INITIAL TAB	
		Use last selected tab on patient change	ORCH USE LAST TAB	

Notifications tab

Tab Element	Dialog Element	Field	Parameter	Note
		Send me a MailMan bulletin for flagged orders	ORB FLAGGED ORDERS BULLETIN	
		Surrogate Settings		
		Remove Pending Notifications	ORB ERASE ALL	(Used to allow removal.)
		Display Sort	ORB SORT METHOD	
		Notification List	ORB PROCESSING FLAG	

Order Checks

Tab Element	Dialog Element	Field	Parameter	Note
		Order Check List	ORK PROCESSING FLAG	
			ORK EDITABLE BY USER	

List/Team

Tab Element	Dialog Element	Field	Parameter	Note
Patient Selection Defaults	Patient Selection Defaults	List Source	ORLP DEFAULT LIST SOURCE	
		Sort Order	ORLP DEFAULT LIST ORDER	
		Start	ORLP DEFAULT CLINIC START DATE	
		Stop	ORLP DEFAULT CLINIC STOP DATE	
		Primary Provider	ORLP DEFAULT PROVIDER	
		Treating Specialty	ORLP DEFAULT SPECIALTY	
		Team/List	ORLP DEFAULT TEAM	
		Ward	ORLP DEFAULT WARD	

		Monday	ORLP DEFAULT CLINIC MONDAY	
		Tuesday	ORLP DEFAULT CLINIC TUESDAY	
		Wednesday	ORLP DEFAULT CLINIC WEDNESDAY	
		Thursday	ORLP DEFAULT CLINIC THURSDAY	
		Friday	ORLP DEFAULT CLINIC FRIDAY	
		Saturday	ORLP DEFAULT CLINIC SATURDAY	
		Sunday	ORLP DEFAULT CLINIC SUNDAY	
	Source Combinations	Combinations		User's definition of a combination list is stored in OE/RR PT SEL COMBO file (#100.24)
Personal Lists and Teams	Personal Lists	Clinic Date Range		This is only used to display patients for selection that have clinic appointments during this date range.
		New List (Name of personal list)		Adds entry to OE/RR LIST file (#100.21).
		Delete List		Removes entry to OE/RR LIST file (#100.21).
		Save Changes		Saves changes to OE/RR LIST file (#100.21).
	Teams Information	Remove yourself from this team		Removes user from multiple in OE/RR LIST file (#100.21)

		Subscribe to a team		Adds user to multiple in OE/RR LIST file (#100.21)

Notes tab

Tab Element	Dialog Element	Field	Parameter	Note
Notes		Interval for autosave	ORWOR AUTOSAVE NOTE	
		Ask subject for progress notes		Uses ASK SUBJECT FOR PROGRESS NOTES field in TIU PERSONAL PREFERENCES file (#8926).
		Verify Note Title	ORWOR VERIFY NOTE TITLE	
		Default Cosigner		Uses DEFAULT COSIGNER field in TIU PERSONAL PREFERENCES file (#8926).
Document Titles		Your list of titles		Titles for a class are from TIU DOCUMENT DEFINITION file (#8925.1) as determined from TIU PERSONAL DOCUMENT TYPE LIST file (#8925.98).
		Save changes		Save changes to TIU PERSONAL DOCUMENT TYPE LIST file (#8925.98).
		Set as Default only		Sets DEFAULT TYPE field in TIU PERSONAL DOCUMENT TYPE LIST file (#8925.98).

Reports Tab

Tab Element	Dialog Element	Field	Parameter	Note
Set All Reports		Start Date	ORWRP TIME/OCC LIMITS ALL	
		Stop Date		
		Max		
Set Individual Report		Report Name	ORWRP TIME/OCC LIMITS INDV	
		Start Date		
		Stop Date		
		Max		

Patient Selection Settings

Patient List Settings

Patients can be selected by typing their name and then selecting the patient or by selecting the patient from lists. Algorithms protect against displaying sensitive or inappropriate data. Patient list settings can be controlled through the List Manager version of CPRS.

User defaults can be set to display patients from a particular source (Primary Provider, Treating Specialty, Team/List, Ward Clinic, or Combination). The user can define the defaults (e.g. a specific clinic, ward, and provider) for each of these sources. Clinic locations can be specific for different days of the week. The patients displayed for a clinic can be restricted to only show patients with appointments during a specific date range. The order the patients are displayed can also be defined (e.g. alphabetical, room/bed, etc.). Personal patient lists can be defined. Criteria for a combination list of patients can be defined (e.g. patients for specific clinics and providers). These settings can be made using the Personal Preference options available from the CPRS menus (not the GUI menus). These parameters are further explained in the Appendices D and E of this manual that define the parameters in CPRS.

Notifications

The order in which notifications are displayed on the patient selection screen of the GUI depends on the parameter ORB SORT METHOD. This parameter can be set at the SYSTEM, DIVISION, and USER level. The possible sort fields are:

- P - Patient
- M - Message
- U - Urgency
- I - Info
- L - Location
- D - Date/Time
- F - Forwarded By/When

The sort order can be set using the Set Notification Display Sort Method (GUI) option on the Notification Management Menu [ORB NOT COORD MENU]. There should be no need to edit the parameter directly.

The urgency for any particular notification type can also be set from this menu, using the Set Urgency for Notifications (GUI) option. The urgency for a notification can be set at the USER, DIVISION, SERVICE, and SYSTEM levels. The combination of these two settings (urgency and sort order) allows a variety of methods for displaying the most important notifications for a given user.

Graphing Configuration

The CPRS GUI 26 installation package includes new graphing functionality. Although graphing is enabled by default, to make the most of this functionality, you must configure graphing to use your site's data sources and reflect its business rules. The following sections provide instructions for:

- Disabling the graphing tool
- Identifying the data sources from which the graphing tool draws information
- Setting up selected users with a privilege that enables them to create, edit, and save predefined graphs—called public views—that are available to all users
- Creating graph reports (available on the **Reports** tab)

Disabling CPRS Graphing

If you don't want to provide graphing functionality for users at your site, you—or someone who has programmer access (required)—can disable it.

Take the following steps to disable graphing:

1. Log into VistA.
2. From the General Parameter Tools [XPAR MENU TOOLS] menu, select `EP Edit Parameter Values`.
3. At the `Select PARAMETER DEFINITION NAME` prompt, type **ORWG GRAPH SETTING** and press the <**Enter**> key.
4. At the `Enter selection` prompt, type one of the following expressions: **Package, PKG, or 9.** Press the <**Enter**> key.
5. At the `Replace` prompt, type **@** and press the <**Enter**> key.

To subsequently enable the graphing tool:

1. Follow steps 1–4 above.
2. At the `Replace` prompt, type the following value: **63;53.79;55;55NVA;52;70;120.5|BCEFGHIK|1|4|90||100||**. (This value represents CPRS GUI 26 default settings for the ORWG GRAPH SETTING parameter.)

Disabling Data Sources

CPRS graphing includes the following data sources, which are enabled by default:

Source	Type Value
Admissions	405
Allergies	120.8
Anatomic pathology	63AP
Blood bank	63BB
Exams	9000010.13
Health factors	9000010.23

Source	Type Value
Immunizations	9000010.11
Lab tests	63
Medication, BCMA	53.79
Medication, Inpatient	55
Medication, Non-VA	55NVA
Medication, Outpatient	52
Medicine	690
Mental health	601.2
Microbiology	63MI
Notes	8925
Orders	100
Patient education	9000010.16
Problems	9000011
Procedures	9000010.18
Purpose of visit	9000010.07
Radiology exams	70
Registration, DX	45DX
Registration, OP/Proc	450P
Skin tests	9000010.12
Surgery	130
Visits	9000010
Vitals	120.5

The following two data types are for grouping:

Drug class	500.605
Reminder Taxonomy	811.2

CPRS graphing uses the type value listed above for data mapping. If you want to disable one or more data sources—because your site doesn't use them, they are politically sensitive, or they cause CPRS performance problems, for example—you use the type value to do so.

Take the following steps to disable one or more data sources:

1. Log into VistA.
2. From the General Parameter Tools [XPAR MENU TOOLS] menu, select `EP Edit Parameter Values`.

3. At the `Select PARAMETER DEFINITION NAME` prompt, type **ORWG GRAPH EXCLUDE DATA TYPE** and press the <**Enter**> key.
4. At the `Enter selection` prompt, type one of the following expressions: **System, SYS,** or **8.** Press the <**Enter**> key.
5. At the `Value` prompt, type the value types of each data source you want to exclude, separating each source with a semicolon. For example, type the following values to exclude laboratory tests and mental health assessments: **63; 601.2**. Press <**Enter**>.

To enable all disabled data sources:

1. Follow steps 1–4 above.
2. At the `Value` prompt, type **@** and press the <**Enter**> key.

Editing Public Display Options and Views

CPRS graphing provides users with the ability to set and save display options and create and save predefined views. CPRS always displays graphs with user-level settings if these settings exist. If they don't exist, CPRS displays graphs using public settings, which you or authorized users define at the system level. (Public views and settings are available to all of the users at your site, but only authorized users can create or alter these views and settings.)

CPRS stores all graph display settings using the ORWG GRAPH SETTING parameter. You can edit public settings by using the CPRS GUI. (See the "Configure Settings" section of *Computerized Patient Record System (CPRS) User Manual: GUI Version* for step-by-step instructions. This manual is available online at http://www.va.gov/vdl.)

Before you can save public settings and views, you must first add yourself as a value in the public-editor (ORWG GRAPH PUBLIC EDITOR) parameter.

Take the following steps to add yourself and/or other (trusted) users to the public-editor class:

1. Log into VistA.
2. From the General Parameter Tools [XPAR MENU TOOLS] menu, select `EP Edit Parameter Values`.
3. At the `Select PARAMETER DEFINITION NAME` prompt, type **ORWG GRAPH PUBLIC EDITOR** and press the <**Enter**> key.
4. At the `Select Sequence Number` prompt, type a sequence number and press the <**Enter**> key. (Type a question mark (**?**) at the prompt to determine the best sequence number. If no sequence numbers exist, type the number one (**1**) at the prompt.)
5. At the `User Class` prompt, type your user class or the user class of the person to whom you are providing public-editor privileges. Press the <**Enter**> key.
6. Repeat steps 4–7 as needed.

Creating Graph Reports

If a significant number of users at your site frequently graph specific collections of items, you can incorporate these items in graph reports as a convenience to the users. That is, you can create graph reports and add them to the **Available Reports** list on the **Reports** tab. When users select graph reports, CPRS graphing opens to the selection of views that comprise the reports.

To create graph reports you must have:

- Permission to edit file number 101.24 (OE/RR REPORT)
- Permission to edit OR parameters
- Permission to create, edit, or remove public settings and views (through the ORWG GRAPH PUBLIC EDITOR parameter)

Before you add graph reports to the **Available Reports** list, you must first:

- Create the public views that you want to display as graph reports.
- Create individual graph reports
- Create a menu for graph reports
- Add the menu to the **Available Reports** list

Creating Public Views

Each graph report can incorporate one or two public views. If you plan to combine two views in a single graph report, set one of the views to display in the bottom of a split-pane view. You can find step-by-step instructions for creating public views in *Computerized Patient Record System (CPRS) User Manual: GUI Version.* (Look for the "Creating Predefined Views" section of "Using CPRS Graphing.") This manual is available online at http://www.va.gov/vdl.

Creating Graph Reports

Your site's graph reports must follow the conventions of file 101.24 (the OE/RR REPORT file).

Take the following steps to create graph reports:

1. Log in to VA FileMan.
2. At the `Select option` prompt, type the number **1** (for the `ENTER OR EDIT FILE ENTRIES` selection) and press the <**Enter**> key.
3. At the `INPUT TO WHAT FILE` prompt, type either **101.24** or **OE/RR REPORT** and press the <**Enter**> key.
4. At the `EDIT WHAT FIELD` prompt, type **ALL** and press the <**Enter**> key.
5. At the Select `OE/RR REPORT NAME` prompt, type a descriptive name for your report and press the <**Enter**> key. Your report name should begin with your site's local namespace. For example, if your site's namespace were ZZ and your

report name were DIABETES INDICATORS, you would type the following report name: **ZZDIABETES INDICATORS.**

6. At the `Are you adding [your new report name] as a new OE/RR REPORT` prompt, type **YES** and press the <**Enter**> key.
7. At the `OE/RR REPORT NUMBER` prompt, accept the default next-available report number (which should be under 1000) by pressing the <**Enter**> key or type a different number for your report and press the <**Enter**> key. (The system will not accept the number of an existing report unless you are editing the existing report.)

   Numbers for your site's reports must be under 1000. Numbers over 1000 are reserved for national use. If you give your report a number that is greater than 1000, future patches will overwrite your entries.
8. At the `OE/RR REPORT HEADING` prompt, type the name of the graph report as you want it to appear in the **Available Reports** list and press the <**Enter**> key.
9. At the `OE/RR REPORT DESCRIPTIVE TEXT` prompt, type a word or phrase that describes the purpose of your graph report and press the <**Enter**> key.
10. At the `ID` prompt, type **OR_GRAPHS** and press the <**Enter**> key.
11. Press the <**Enter**> key to bypass unneeded fields.
12. At the `QUALIFIER` prompt, type **DateTime** and press the <**Enter**> key.
13. Press the <**Enter**> key to bypass unneeded fields.
14. At the `CATEGORY` prompt, type **FIXED W/DATE** and press the <**Enter**> key.
15. At the `TAB` prompt, type **REPORTS TAB** and press the <**Enter**> key.
16. Press the <**Enter**> key to bypass unneeded fields
17. At the `TYPE` prompt, type **GRAPH** and press the <**Enter**> key.
18. Press the <**Enter**> key to bypass unneeded fields
19. At the `DATE FORMAT` prompt, type **DATE WITH TIME** and press the <**Enter**> key.

    Press the <**Enter**> key to bypass unneeded fields
20. At the `PARAM 1` prompt, type the name of the first public view you want to associate with your graph report. Press the <**Enter**> key.
21. (Optional) If you want to associate a second public view with this graph report, type the name of the second public view at the `PARAM 2` prompt and press the <**Enter**> key.
22. At the `Replace` prompt, type the caret symbol (^) and press the <**Enter**> key.

Creating a Graph-Reports Menu

Take the following steps to create a menu for graph reports:

1. Log in to VA FileMan.
2. At the `Select option` prompt, type the number **1** (for the `ENTER OR EDIT FILE ENTRIES` selection) and press the <**Enter**> key.

3. At the `INPUT TO WHAT FILE` prompt, type either **101.24** or **OE/RR REPORT** and press the <**Enter**> key.
4. At the `EDIT WHAT FIELD` prompt, type **ALL** and press the <**Enter**> key.
5. At the Select `OE/RR REPORT NAME` prompt, type a descriptive name for your menu and press the <**Enter**> key. Your menu name should begin with your site's local namespace. For example, if your site's namespace were ZZ and your menu name were GRAPHS, you would type the following menu name: **ZZGRAPHS.**
6. At the `Are you adding [your menu name] as a new OE/RR REPORT` prompt, type **YES** and press the <**Enter**> key.
7. At the `OE/RR REPORT NUMBER` prompt, accept the default next-available report number (which should be under 1000) by pressing the <**Enter**> key or type a different number for your report and press the <**Enter**> key. (The system will not accept the number of an existing report or menu unless you are editing the report or menu.)

   Numbers for your site's menus must be under 1000. Numbers over 1000 are reserved for national use. If you give your menu a number that is greater than 1000, future patches will overwrite your entries.
8. At the `OE/RR REPORT HEADING` prompt, type the name of the menu as you want it to appear in the **Available Reports** list and press the <**Enter**> key.
9. .At the `OE/RR REPORT DESCRIPTIVE TEXT` prompt, type a word or phrase that describes the purpose of your menu and press the <**Enter**> key.
10. At the `ID` prompt, type **OR_GRAPHS** and press the <**Enter**> key.
11. Press the <**Enter**> key to bypass unneeded fields.
12. At the `TAB` prompt, type **REPORTS TAB** and press the <**Enter**> key.
13. Press the <**Enter**> key to bypass unneeded fields
14. At the `TYPE` prompt, type **MENU** and press the <**Enter**> key.
15. Press the <**Enter**> key to bypass unneeded fields
16. At the `Select ITEM` prompt, type the name or number of the first graph report and press the <**Enter**> key.
17. At the Are you adding [report name] as a new ITEM (the 1st for this OE/RR REPORT prompt, type **YES** and press the <**Enter**> key.

    Press the <**Enter**> key to bypass unneeded fields
18. Repeat steps 13–14 until you have added all graph reports as items to this menu.
19. Type the caret symbol (^) and press the <**Enter**> key.

Adding Your Graph Menu to the Available Reports List

The following instructions are for adding a graph menu to the **Available Reports** list, which you do by editing the ORWRP REPORT LIST parameter. This parameter is available for all levels (package level to user level). However, CPRS displays in its **Available Reports** list only the items in the lowest level that has entries.

For example, if this parameter has 20 reports listed at the package level and no reports at any other level, CPRS displays for all users the reports listed at the package level. If you

then add one report at the system level, CPRS displays to all users on the system only this one report. Similarly, if you add one report at the user level, CPRS displays for this user only the one report.

In other words, if you want to add a report to the system level and still display all of the reports listed at the package level, you must add the package-level reports to the system level, and so on down to the user level.

Take the following steps to view a listing of reports entered at all levels:

1. Log into VistA.
2. From the General Parameter Tools [XPAR MENU TOOLS] menu, select `LV List Parameter Values`.
3. At the `Select PARAMETER DEFINITION NAME` prompt, type **ORWRP REPORT LIST** and press the <**Enter**> key.
4. Save this list for future reference.

Take the following steps to add menus and reports to the Available Reports **list:**

1. Log into VistA.
2. From the General Parameter Tools [XPAR MENU TOOLS] menu, select `EP Edit Parameter Values`.
3. At the `Select PARAMETER DEFINITION NAME` prompt, type **ORWRP REPORT LIST** and press the <**Enter**> key.
4. At the `Enter selection` prompt, type the name or number of the level to which you want to add the menu or report and press the <**Enter**> key.
5. At the `Select Sequence` prompt, type an unused sequence number and press the <**Enter**> key. Sequence numbers determine the order in which CPRS displays reports. To determine which sequence numbers are unused, type a question mark (**?**) at the prompt.
6. At the `Are you adding [number] as a new Sequence` prompt, type **Yes** and press the <**Enter**> key.
7. Press the <**Enter**> key again to accept the sequence number.
8. At the `Report` prompt, type the name of the report you want to add and press the <**Enter**> key.
9. Repeat steps 5–8 until you have entered all menus and reports you want CPRS to display to users at the level you selected in step 4.

Remote Data View Configuration

Remote Views allows you to review patient data that is collected at other facilities. Data can be retrieved from one, many, or all sites at which a patient has been seen. Those facilities must have Master Patient Index (MPI) installed. Remote Data Views use HL7 messaging and server-to-server connections with the RPC Broker. Health summaries can be used, but the retrieval site must have a health summary component of the same name. This means that nationally exported health summaries can be used. If sites wish to have specific types of health summaries available (e.g. VISN-specific patient reports), then those sites should coordinate the naming of those reports.

Note: The Adhoc health summary report and the imaging (local only) report (on the reports tab) will not return remote data. In addition, the Most Recent, Selected Tests by Date, Worksheet, and Graph lab report (on the labs tab) will not return remote data.

Master Patient Index (MPI)

The Master Patient Index stores data about where and when patients are seen within the VA. The data as well as the location of the master record are transmitted to local facilities. This provides an index to where data has been stored. Data can be retrieved from these locations and viewed at any facility that has been configured for display.

Configuring Remote Data Views

DEVICE file (#3.5)

DSM sites

```
NAME: DEC-NETWORK                          $I: SYS$NET
  LOCATION OF TERMINAL: DEC NETWORK DEVICE
  SUBTYPE: P-OTHER                 TYPE: OTHER
```

TERMINAL TYPE file (#3.2)

```
NAME: P-OTHER              RIGHT MARGIN: 80
   FORM FEED: #            PAGE LENGTH: 64
   BACKSPACE: $C(8)        DESCRIPTION: General printer (80 column)
```

Cache sites:

```
NAME: TCP/IP DEVICE                $I: |TCP|
  ASK DEVICE: NO                         ASK PARAMETERS: NO
  SIGN-ON/SYSTEM DEVICE: NO
  LOCATION OF TERMINAL: TCP/IP DEVICE
  SUBTYPE: P-OTHER                 TYPE: VIRTUAL TERMINAL
```

The following parameters may be set to control remote data:

- ORWRP CIRN REMOTE DATA ALLOW – Set to Yes to enable Remote Data button on the GUI. (User, Division, or System level)
- ORWRP CIRN SITES – Enter the facilities from which you want to allow data retrieval. (Division or System level)
- ORWRP CIRN SITES ALL – Set to Yes and users will see data from any site at which a patient has been seen. (Division or System level)

Tips:

- Test with just one site first
- Test with only a few users initially

Security

The names of the users who view data will be stored in the remote site's database.

Sensitive record access will be audited, enabling a site to follow up on a record accessed by a remote location.

Parameters (as mentioned above) can be used to limit the users or sites that have access to retrievable data.

Department of Defense Data

The following reports on the Reports tab can display remote data from the Department of Defense:

Under the Clinical Reports heading:

- Allergies
- Expanded ADT
- Consults (DoD remote data only—no VA data)
- Laboratory
  - Lab Orders
  - Chem & Hematology
  - Surgical Pathology
  - Cytology
  - Microbiology
- Outpatient Encounter
- Pharmacy All Outpatient
- Progress Notes
- All Problem List
- Radiology Report
- Vital Signs

If CPRS cannot communicate with the Health Data Repository but RDI is enabled, CPRS will display the following in the order check window if order checks display: "Remote Order Checking not available – checks done on local data only".

Under the Clinical Reports | Radiology heading:

- Report
- Status

Under the Clinical Reports | Pharmacy heading:

- Active Outpatient
- All Outpatient

Overview of Clinical Indicators Data Capture

CPRS controls the entry of Clinical Indicators Data Capture (CIDC) information using two switches. When the switches are turned on, clinicians who hold the Provider key will enter diagnoses for orders. Two List Manager options on the OR BDC MENU control the switches:

- OR BDC MASTER SWITCH—The master switch turns on CIDC functionality at the system level. However, individual clinicians will not be prompted for CIDC information until the OR BDC PROVIDER SWITCH is enabled for individual clinicians holding the Provider key.
- OR BDC PROVIDER SWITCH—The provider switch must be assigned and enabled for each clinician that will use the CIDC features. The switch can be assigned and enabled for individual clinicians holding the Provider key one-at-a-time to allow for training or for all clinicians holding the Provider key at once. This switch can also be assigned and disabled for all those providers who do not have the switch assigned.

The following table shows how the two switches work together.

System Switch	Provider Switch	Is CIDC displayed?
On	Off	No
On	On	Yes
Off	On	No
Off	Off	No

Enabling the Master Clinical Indicators Data Capture Switch

The master Clinical Indicators Data Capture (CIDC) switch turns on the features at the system level, but users will see no changes until OR BDC PROVIDER SWITCH is enabled for the individual clinicians.

Note: Because this switch turns on or off these features for the system, great caution should be used before disabling this feature. If this switch is turned off, the diagnoses will not be collected. You must have Clinical Coordinator privileges to enable this switch.

To enable the master CIDC switch, use the following steps:

1. In the List Manager interface, log in and type **OR BDC MENU** and press **<Enter>**.
2. Type **MS** and press **<Enter>**.

   Note: When you choose this option, the application checks the status of the main CIDC switch and displays the status on the screen.

3. Check to make sure the switch is OFF. To enable the Main switch, type **E** and press **<Enter>**.
4. Type **Q** and press **<Enter>** to leave this option.

The following capture shows an example of how to turn on the main CIDC Switch.

```
Select OPTION NAME: OR BDC MENU       Billing Data Capture Configuration


   MS     Billing Data Capture Master Switch
   PP     Billing Data Capture By Provider Parameter


Select Billing Data Capture Configuration Option: MS  Billing Data
Capture Master Switch

Enable/Disable Billing Data Capture Master Switch

Billing Data Capture Master Switch is now *> OFF <*

     Select one of the following:

          E         Enable Billing Capture Functionality
          Q         Quit

Selection: E
```

Disabling the Main Clinical Indicators Data Capture Switch

The main Clinical Indicators Data Capture (CIDC) switch can be turned off if there is ever a need.

Note: Because this switch turns on or off these features for the system, be careful about disabling this feature. If this switch is turned off, the order diagnoses will not be collected. You must have Clinical Coordinator privileges to disable this switch.

To disable the main CIDC switch, use the following steps:

1. In the List Manager interface, log in and type **OR BDC MENU** and press **<Enter>**.
2. Type **MS** and press **<Enter>**.

   Note: When you choose this option, the application checks the status of the main CIDC switch and displays the status on the screen.

3. Check to make sure the switch is ON. To disable the Main switch, type **D** and press **<Enter>**.
4. Type **Q** and press **<Enter>** to leave this option.

Assigning, Enabling, Disabling, and Reporting on the Clinical Indicators Data Capture Provider Switch

To give providers the ability to enter Clinical Indicators Data Capture (CIDC), a coordinator or responsible person at each site must assign and enable this switch for individual providers. This switch (parameter) is somewhat different from other CPRS parameter because it is first assigned and then has a state of either enabled or disabled. CPRS provides the following methods to manage this switch:

- **Manage Parameter by Provider -** This option allows the user to search for a specific clinician who has the Provider key and then assign and enable or assign and disable the switch (parameter) if it is not yet assigned. If the switch has already been assigned to the clinician, the user can either enable it if it is disabled or disable it if it is enabled.
- **Assign Parameter and Enable for All Providers -** This option searches for all active clinicians who hold the Provider key that are not currently assigned the switch (parameter), assigns them the switch, and enables it.
- **Assign Parameter and Disable for All Providers -** This option searches for all active clinicians who hold the Provider key that are not currently assigned the switch (parameter), assigns them the parameter, but disables the parameter. A coordinator or responsible person at the site would then have to enable these providers one-at-a-time.

Note: With the main CIDC switch disabled, the only change users will see if the CIDC patches are installed is that they will not have to address service connection for all eligible patients, not just those with more than 50% service connection.

Coordinators can also run three reports:

- All active clinicians who hold the Provider key who are have been assigned the switch and whether it is enabled or disabled
- Active clinicians who hold the Provider key with the switch enabled
- Active clinicians who hold the Provider key who have the switch but it is disabled

These reports show only active clinicians who hold the provider key and have been assigned the switch.

You must have Clinical Coordinator privileges to enable this switch and run the reports.

Managing the CIDC Provider Switch for Individual Providers

To manage the provider switch for clinicians one at a time, use the following steps:

1. In the List Manager interface, log in and type **OR BDC MENU** and press **<Enter>**.
2. Type **PP** and press **<Enter>**.
3. To assign and enable or assign and disable the switch for an individual provider, type **M** and press **<Enter>**.
4. Enter the name of the individual that you want to complete CIDC information for the appropriate orders and press **<Enter>**. If more than one name appears, select the number for the appropriate person and press **<Enter>**.

The text will indicate if the provider you selected is enabled or disabled.

5. If the switch for the provider is not enabled and you want to enable the CIDC switch for this provider, the prompt will ask if you want to enable the switch for that provider and Yes will be the default, press **<Enter>**. If the provider is enabled and you want to disable the switch, the prompt will ask if you want to disable the switch, and Yes will be the default, press **<Enter>**.
6. To enable additional providers, repeat steps 4 and 5 until you have assigned it to all the clinicians who need it.
7. When you have enabled or disabled the switch for the necessary providers, press **<Enter>** until you exit the option.

The following capture shows enabling an individual provider the CIDC User Level Switch

```
Select OPTION NAME: OR BDC MENU       Clinical Indicator Data Capture
Configuration

   MS     Clinical Indicator Data Capture Master Switch
   PP     CIDC By Provider Parameter


Select Clinical Indicator Data Capture Configuration Option: PP  CIDC By
Provider Parameter


Enable Clinical Indicator Data Capture By Provider Parameter Management
Select Parameter Management Option

     Select one of the following:

          M         Manage parameter by provider
          E         Assign parameter and Enable for all providers
          D         Assign parameter and Disable for all providers
          L         List providers with the assigned parameter

Select Enable CIDC By Provider parameter option: Manage parameter by
provider

Clinical Indicator Data Capture By Provider Parameter Management

Select the provider to manage the parameter: CPRSPROVIDER,TEN

Clinical Indicator Data Capture By Provider Parameter Management
Edit Assigned CIDC Functionality Parameter of CPRSPROVIDER,TEN
CIDC Functionality for this provider is currently DISABLED

Enable CIDC Functionality (YES/NO)? YES//
```

Enabling the CIDC Provider Switch for Multiple Providers Simultaneously

To help sites quickly enable a group of providers, CPRS gives sites an option to assign and enable the CIDC provider switch for all active clinicians who hold the Provider key and who currently do NOT have the switch assigned to them.

Note: This option does NOT enable any provider who already has the switch assigned it has been disabled.

To enable the provider switch for all providers who do not have it assigned currently, use the following steps:

1. In the List Manager interface, log in and type **OR BDC MENU** and press **<Enter>**.
2. Type **PP** and press **<Enter>**.
3. To assign and enable the switch for all providers who do not have the switch assigned currently, type **E** and press **<Enter>**.

   Note: This option does NOT enable any provider who already has the switch assigned and it has been disabled. Users cannot disable these providers as a group after doing this, users must do it individually.

4. If you want to proceed and assign the switch to all active clinicians who hold the Provider key who do not have it assigned and enable the switch, type **YES** (you must type the entire word in all capital letters) and press **<Enter>**. If users do not want to proceed, type **NO** and press **<Enter>**.
5. When you have enabled it for the necessary providers, press **<Enter>** until you exit the option.

Example of assigning and enabling multiple providers simultaneously.

```
Select OPTION NAME: OR BDC MENU       Clinical Indicator Data Capture
Configuration

   MS     Clinical Indicator Data Capture Master Switch
   PP     CIDC By Provider Parameter


Select Clinical Indicator Data Capture Configuration Option: PP  CIDC By
Provider Parameter


Enable Clinical Indicator Data Capture By Provider Parameter Management
Select Parameter Management Option

     Select one of the following:

          M         Manage parameter by provider
          E         Assign parameter and Enable for all providers
          D         Assign parameter and Disable for all providers
          L         List providers with the assigned parameter

Select Enable CIDC By Provider parameter option: E  Assign parameter and
Enable for all providers


Enable Clinical Indicator Data Capture By Provider Parameter Management
Assign/Enable Parameter For All Active Providers Option

     Select one of the following:


          YES       Enter YES to begin process of assign/enable
          NO        Enter NO to cancel process of assign/enable and quit

105 active providers do not have this parameter assigned to them.
You have selected to assign the parameter and enable Clinical Indictor
Data Capture for all of these providers. This may take some time.
Are you sure you want to do this? (YES/NO - must be all cap): YES
```

Assigning but Disabling the CIDC Provider Switch for Multiple Providers Simultaneously

CPRS gives an additional method to assign a group of clinicians who hold the Provider key the switch but disable the switch. This option also affects only active clinicians who hold the Provider key and who currently do NOT have the switch assigned to them.

Note: This option does NOT disable any provider who already has the switch assigned it has been disabled.

To assign and disable the provider switch for all providers who do not have it assigned currently, use the following steps:

1. In the List Manager interface, log in and type **OR BDC MENU** and press **<Enter>**.
2. Type **PP** and press **<Enter>**.
3. To assign but disable the switch for all active clinicians who hold the Provider key but who do NOT have the switch assigned currently, type **D** and press **<Enter>**.

   Note: This option does NOT disable the switch for any provider who already has the switch assigned and it has been enabled. You cannot enable these providers as a group after doing this, you must do it individually.

4. If you want to proceed and assign the switch to all active clinicians who hold the Provider key but who do NOT have the switch assigned and disable it, type **YES** (you must type the entire word in all capital letters) and press **<Enter>**. If you do not want to proceed, type **NO** and press **<Enter>**.
5. When you have enabled it for the necessary providers, press **<Enter>** until you exit the option.

Example of assigning but disabling the switch for multiple provider simultaneously.

```
Select OPTION NAME: OR BDC MENU       Clinical Indicator Data Capture
Configuration


   MS     Clinical Indicator Data Capture Master Switch
   PP     CIDC By Provider Parameter



Select Clinical Indicator Data Capture Configuration Option: PP  CIDC By
Provider Parameter


Enable Clinical Indicator Data Capture By Provider Parameter Management
Select Parameter Management Option

     Select one of the following:

          M         Manage parameter by provider
          E         Assign parameter and Enable for all providers
          D         Assign parameter and Disable for all providers
          L         List providers with the assigned parameter

Select Enable CIDC By Provider parameter option: D  Assign parameter and
Disable for all providers


Enable Clinical Indicator Data Capture By Provider Parameter Management
Assign/Disable Parameter For All Active Providers Option

     Select one of the following:

          YES       Enter YES to begin process of assign/disable
          NO        Enter NO to cancel process of assign/disable and quit

105 active providers do not have this parameter assigned to them.
You have selected to assign the parameter and disable Clinical Indicator
Data Capture for all of these providers. This may take some time.
Are you sure you want to do this? (YES/NO - must be all cap): YES
```

Creating Reports on the CIDC Provider Switch

CPRS provides three reports regarding who has the CIDC provider switch assigned and enabled and disabled.

- All active clinicians who hold the Provider key who are have been assigned the switch and whether it is enabled or disabled
- Active clinicians who hold the Provider key with the switch enabled
- Active clinicians who hold the Provider key who have the switch but it is disabled

These reports show only active clinicians who hold the provider key and have been assigned the switch.

You must have Clinical Coordinator privileges to enable this switch and run the reports.

Reporting on All Providers Assigned the Provider Switch and Its Status

This option creates a report on all active providers who have the switch assigned and whether the switch is enabled and disabled.

To run this report on all providers with the provider switch status, use the following steps:

1. In the List Manager interface, log in and type **OR BDC MENU** and press **<Enter>**.
2. Type **PP** and press **<Enter>**.
3. Select the reporting option by typing **L** and press **<Enter>**.
4. Select All Providers with CIDC Parameter by typing **A** and pressing **<Enter>**.
5. When finished, press **<Enter>** until you exit the option.

Below is an example of how to run this report.

```
Select OPTION NAME: OR BDC MENU       Clinical Indicator Data Capture
Configuration


   MS     Clinical Indicator Data Capture Master Switch
   PP     CIDC By Provider Parameter


Select Clinical Indicator Data Capture Configuration Option: PP  CIDC By Provider
Parameter


Enable Clinical Indicator Data Capture By Provider Parameter Management
Select Parameter Management Option

     Select one of the following:

          M         Manage parameter by provider
          E         Assign parameter and Enable for all providers
          D         Assign parameter and Disable for all providers
          L         List providers with the assigned parameter

Select Enable CIDC By Provider parameter option: List providers with the assigned
parameter


Enable Clinical Indicator Data Capture By Provider Parameter Management
Assigned Parameter Report

     Select one of the following:

          A         All providers with CIDC parameter
          E         Only providers with CIDC enabled
          D         Only providers with CIDC disabled

Enter the search criteria: All providers with CIDC parameter
DEVICE: HOME//   ANYWHERE
```

An example of the report is shown below.

```
Clinical Indicator Data Capture By Provider Parameter Report
Sep 00, 2004@00:00:00

All Providers With Clinical Indicator Data Capture Parameter

Provider                                Section                      Enabled
-------------------------------------------------------------------------------
CPRSPROVIDER,FIVE                       MEDICINE                       Yes
CPRSPROVIDER,FOUR                       MEDICINE                       Yes
CPRSPROVIDER,NINE                       IRM FIELD OFFICE               No
CPRSPROVIDER,ONE                        INFORMATION RESOURCE MGMT      Yes
CPRSPROVIDER,SEVEN                      MEDICINE                       Yes
CPRSPROVIDER,SIX                        IRM FIELD OFFICE               Yes
CPRSPROVIDER,TEN                        INFORMATION RESOURCE MGMT      Yes
CPRSPROVIDER,THIRTY                     MEDICINE                       Yes
CPRSPROVIDER,THREE                      IRM FIELD OFFICE               Yes
CPRSPROVIDER,TWO                        IRM FIELD OFFICE               Yes

Run another report? N//
```

Reporting on All CIDC Enabled Providers

This option creates a report that lists all active providers who have the switch enabled.

To run this report on all enabled providers, use the following steps:

1. In the List Manager interface, log in and type **OR BDC MENU** and press **<Enter>**.
2. Type **PP** and press **<Enter>**.
3. Select the reporting option by typing **L** and press **<Enter>**.
4. Select Only Providers with CIDC Enabled by typing **E** and pressing **<Enter>**.
5. When finished, press **<Enter>** until you exit the option.

Below is an example of how to run this report and a sample report.

```
Select OPTION NAME: OR BDC MENU       Clinical Indicator Data Capture
Configuration


   MS     Clinical Indicator Data Capture Master Switch
   PP     CIDC By Provider Parameter


Select Clinical Indicator Data Capture Configuration Option: PP  CIDC By Provider
Parameter


Enable Clinical Indicator Data Capture By Provider Parameter Management
Select Parameter Management Option

     Select one of the following:

          M         Manage parameter by provider
          E         Assign parameter and Enable for all providers
          D         Assign parameter and Disable for all providers
          L         List providers with the assigned parameter

Select Enable CIDC By Provider parameter option: List providers with the assigned
parameter


Enable Clinical Indicator Data Capture By Provider Parameter Management
Assigned Parameter Report

     Select one of the following:

          A         All providers with CIDC parameter
          E         Only providers with CIDC enabled
          D         Only providers with CIDC disabled

Enter the search criteria: E  Only providers with CIDC enabled
DEVICE: HOME//   ANYWHERE


Clinical Indicator Data Capture By Provider Parameter Report
Sep 00, 2004@00:00:00

Only Providers With Clinical Indicator Data Capture Enabled

Provider                                  Section                      Enabled
-------------------------------------------------------------------------------
CPRSPROVIDER,FIVE                         MEDICINE                      Yes
CPRSPROVIDER,FOUR                         MEDICINE                      Yes
CPRSPROVIDER,ONE                          INFORMATION RESOURCE MGMT     Yes
CPRSPROVIDER,SEVEN                        MEDICINE                      Yes
CPRSPROVIDER,SIX                          IRM FIELD OFFICE              Yes
CPRSPROVIDER,TEN                          INFORMATION RESOURCE MGMT     Yes
CPRSPROVIDER,THIRTY                       MEDICINE                      Yes
CPRSPROVIDER,THREE                        IRM FIELD OFFICE              Yes
CPRSPROVIDER,TWO                          IRM FIELD OFFICE              Yes

Run another report? N//
```

Reporting on All CIDC Disabled Providers

This option creates a report that lists all active providers who have the switch disabled.

To run this report on all disabled providers, use the following steps:

1. In the List Manager interface, log in and type **OR BDC MENU** and press **<Enter>**.
2. Type **PP** and press **<Enter>**.
3. Select the reporting option by typing **L** and press **<Enter>**.

4. Select Only Providers with CIDC Disabled by typing **D** and pressing **<Enter>**.
5. When finished, press **<Enter>** until you exit the option.

Below is an example of how to run the report for active providers who have the CIDC switch assigned and disabled and a sample report.

```
Select OPTION NAME: OR BDC MENU       Clinical Indicator Data Capture
Configuration

   MS     Clinical Indicator Data Capture Master Switch
   PP     CIDC By Provider Parameter


Select Clinical Indicator Data Capture Configuration Option: PP  CIDC By Provider
Parameter


Enable Clinical Indicator Data Capture By Provider Parameter Management
Select Parameter Management Option

     Select one of the following:

          M         Manage parameter by provider
          E         Assign parameter and Enable for all providers
          D         Assign parameter and Disable for all providers
          L         List providers with the assigned parameter

Select Enable CIDC By Provider parameter option: List providers with the assigned
parameter


Enable Clinical Indicator Data Capture By Provider Parameter Management
Assigned Parameter Report

     Select one of the following:

          A         All providers with CIDC parameter
          E         Only providers with CIDC enabled
          D         Only providers with CIDC disabled



     Select one of the following:

          A         All providers with CIDC parameter
          E         Only providers with CIDC enabled
          D         Only providers with CIDC disabled

Enter the search criteria: D  Only providers with CIDC disabled
DEVICE: HOME//   ANYWHERE


Clinical Indicator Data Capture By Provider Parameter Report
Sep 30, 2004@17:58:16

Only Providers With Clinical Indicator Data Capture Disabled

Provider                                Section                       Enabled
-------------------------------------------------------------------------------
CPRSPROVIDER,FIVE                          MEDICINE                      No
CPRSPROVIDER,FOUR                          MEDICINE                      No


Run another report? N//
```

Cover Sheet Settings

Background / Foreground Retrieval

The CPRS Cover Sheet may be populated by a foreground process. You must wait until this process is complete before moving to other activities. Populating the cover sheet with a background process allows the user to perform other chart activities while the cover sheet loads. There is some Taskman overhead in using the background process, so the cover sheet will not load as fast. The allergies list box always loads in the foreground. The parameter, ORWOR COVER RETRIEVAL, controls which of the other list boxes on the cover sheet load in the background. No matter how many sections are selected to load in the background, only *one* background process is used to load the cover sheet. The following table lists the sections of the cover sheet along with the default value for background loading as exported by CPRS. You may override these settings by setting the parameter at the system level.

Section	Default Value	Description
Allergies/Adverse Reactions	No	Load in foreground
Problem List	No	Load in foreground
Postings	No	Load in foreground
Medications	No	Load in foreground
Reminders	Yes	Load in background
Lab Results	Yes	Load in background
Vitals	No	Load in background
Encounters	Yes	Load in background

To set any of these sections to load in the background, set the parameter ORWOR COVER RETRIEVAL for that section to “Yes.” To load a section in the foreground, set the parameter for that section to “No.” If you wish to change the exported setting for any section, it is best to set all sections. This will allow you to see exactly what is set.

Example: Load all sections of the cover sheet in the foreground.

```
Select General Parameter Tools Option: EP  Edit Parameter Values
                          --- Edit Parameter Values ---
Select PARAMETER DEFINITION NAME: ORWOR COVER RETRIEVAL    Cover Sheet
Retrieval Mode
--- Setting ORWOR COVER RETRIEVAL  for System: ROX-KCM.ISC-SLC.VA.GOV ---
Select Section: Problem List
Section: Problem List//    Problem List
Background Retrieval: YES// NO
Select Section: CWAD (Postings)
Section: CWAD (Postings)//    CWAD (Postings)
Background Retrieval: NO//
Select Section: Medications
Section: Medications//    Medications
```

```
Background Retrieval: YES// NO
Select Section: Reminders
Section: Reminders//    Reminders
Background Retrieval: YES// NO
Select Section: Lab Results
Section: Lab Results//    Lab Results
Background Retrieval: YES// NO
Select Section: Vitals
Section: Vitals//    Vitals
Background Retrieval: YES// NO
Select Section: Encounters
Section: Encounters//    Encounters
Background Retrieval: YES// NO
Select Section:
```

When the cover sheet is loaded in the background, a resource device is used to limit the number of background processes that are committed to loading cover sheets. The resource device is ORW THREAD RESOURCE. It is exported with nine slots. If an error occurs while loading the cover sheet, it is possible that all the slots could become unavailable. When this happens, use the option “Monitor Taskman”(XUTM ZTMON)on the TaskMan Management menu to show tasks waiting for the ORW THREAD RESOURCE DEVICE:

```
Checking Taskman.   Current $H=58337,48570  (Sep 00, 2000@13:00:00)
                      RUN NODE=58337,48567  (Sep 00, 2000@13:00:00)
Taskman is current..
Checking the Status List:
  Node      weight  status      time       $J
 OER:CACHE          RUN      T@13:00:00   262       Main Loop

Checking the Schedule List:
     Taskman has no tasks scheduled.
Checking the IO Lists:  Last TM scan: 1 sec,
     Device: ORW THREAD RESOURCE is not available, with one task waiting.
     Device: |LAT|ISC504:LOOP: is not available, with 3 tasks waiting.
     Device: |LAT|ISC504:LTA35: is not available, with one task waiting.
Checking the Job List:
     There are no tasks waiting for partitions.
Checking the Task List:
     There is 1 task currently running.
     On node OER:CACHE there are  3 free Sub-Manager(s). Run
     On node OER:NTA there are no free Sub-Manager(s). Run
Enter monitor action: UPDATE//
```

To clear the resource device, use Clear One Resource on the Device Management menu to clear each slot. Start with the highest numbered slot and work back to the lowest number to avoid inadvertently clearing a slot that is in actual use.

```
Select Device Management Option: CLEAR ONE Resource
Select RESOURCE NAME: ORW THREAD RESOURCE
Select SLOTS IN USE SLOT IN USE: 9
Select Device Management Option: CLEAR ONE Resource
Select RESOURCE NAME: ORW THREAD RESOURCE
Select SLOTS IN USE SLOT IN USE: 8
Select Device Management Option: CLEAR ONE Resource
Select RESOURCE NAME: ORW THREAD RESOURCE
Select SLOTS IN USE SLOT IN USE: 7
etc....
```

It is important to find the source of the error and fix it. Since the cover sheet calls into a wide variety of packages, the error could be in almost any namespace.

Content Criteria

The criteria for determining what gets loaded into each section of the cover sheet are listed below. Certain sections are affected by parameter settings. To set Cover Sheet parameters, use the “CPRS Configuration (Clin Coordinator)” menu option then “GUI Parameters” and then “GUI Cover Sheet Display Parameters” on the CPRS Configuration menu to set Cover Sheet parameters. These parameters may be set for the system, a division, a service, a location, or an individual user.

Problem List

Currently active problems are shown in the list.

Allergies

CPRS displays all allergies and reactions.

Postings

All currently active postings are shown.

Medications

If the patient is an outpatient, outpatient prescriptions are shown. If the patient is an inpatient, inpatient medications are shown. Only medications with the following statuses appear in the list:

- Active
- Drug Interactions
- Hold
- Incomplete
- Non-verified
- On Call
- Pending
- Provider Hold
- Refill
- Suspended

Medications that are not active (discontinued, expired, etc.) are not shown in the list. The medications on the list are displayed in inverse chronological order by the time of the order. In other words, they are listed from newest medication order to oldest medication order.

Reminders

The parameter, ORQQPX SEARCH ITEMS, controls which reminders are displayed on the Cover Sheet. After the reminders contained in ORQQPX SEARCH ITEMS are evaluated, those that are due are displayed. For sites with complex cover sheet reminder needs, a more comprehensive mechanism is available for defining cover sheet reminders (see the New Cover Sheet Reminder List section).

Lab Results

Lab orders that have been completed within the preceding number of days are listed. ORQQLR DATE RANGE INPT is used where the patient is an inpatient. The default value is two days. ORQQLR DATE RANGE OUTPT is used where the patient is an outpatient. The default value is 30 days. When changing the value of these parameters, caution should be used to not make the length of time too great. It can cause performance problems and memory allocation errors if a patient has a large number of lab orders and the time range is large.

Vitals

The most recent vital measurements are listed.

Visits/Admissions

Appointments and admissions that occur within a preset time frame are listed. The time frame is determined by the value of the parameters, ORQQVS SEARCH RANGE START and ORQQAP SEARCH RANGE STOP. ORQQVS SEARCH RANGE START identifies the beginning date for appointments and admissions. This date should be relative to the current date, entered as “T-n” where T is today and n is the number of days in the past. ORQQVS SEARCH RANGE STOP identifies the ending date for listing appointments and admissions. It should be entered as a relative number of days. CPRS is delivered with the beginning date set to “T-90” and the ending date set to “T”.

Problem Tab Settings

Default Views

The user's default view on the Problems tab is determined by two different settings.

Both the GUI and the List Manager versions of CPRS use the ORCH CONTEXT PROBLEMS parameter. Its value can be set at the SYSTEM and USER levels. The parameter takes the form of a semicolon-delimited string, with the different pieces meaning as follows:

a;b;c;d;e (example: T-180;T;A;1;1329)

a	Begin date
b	End date
c	Status (A = active, I = inactive, B = both, R = removed)
d	If "1", show all comments as default
e	Provider internal entry number

The user-level value for this parameter can be set using the **View | Filter** menu and saving the selected settings as the default. There should be no need to edit the parameter directly at the user level.

Both the GUI and List Manager versions of CPRS use the PROBLEM LIST PRIMARY VIEW field (#125) of the NEW PERSON (#200) file. The contents of the field determine whether the outpatient (clinics) or inpatient (services) view of the problem list will be used, and can also be used to specify clinics or services to include in the list. The field will contain a "C" or "S," followed by a list of internal entry numbers of clinics and services, separated by a forward slash (/) and ending with a trailing forward slash. Here is an example, excerpted from a VA FileMan INQUIRE into the NEW PERSON file for a user:

PROBLEM LIST PRIMARY VIEW: C/4/5/

- "C" indicates outpatient (Clinics) view should be used. "S" indicates that the inpatient (Services) view should be used.
- "4" and "5" are pointers to default clinics or services (depending on "C" or "S") to include in the view. Others will be hidden. If none are specified, all will be shown.

For users of the GUI, it is best to use the **View | Filter** menu to set this field. Save as Default will update it with the selected view and clinics or services to include. Since it is stored in the NEW PERSON file, it is applicable only to the individual user.

Setting Up Problem Pick Lists

To create, maintain, customize, and assign problem selection lists for users, use the GMPL MGT MENU option, “Create Problem Selection Lists | Build Problem Selection Lists.” The following sub-options are available, and are documented in the manuals for the Problem List package:

- Build Problem Selection List(s)
- Copy Selection List from IB Encounter Form
- Assign Selection List to User(s)
- Remove Selection List from User(s)
- Delete Problem Selection List

A named LIST is made up of CATEGORIES. These categories appear in the upper list box if the user is assigned a default list.

A CATEGORY contains specific PROBLEMS. These problems appear in the lower list box when a category is selected in the upper list box.

Affected files include:

- PROBLEM SELECTION LIST (#125) - the named lists, and optionally, an associated clinic for each. If the current user has no default list defined, but the current encounter location appears in the CLINIC field of an entry in this file, the categories will also appear based on that setting.
- PROBLEM SELECTION LIST CONTENTS (#125.1) - categories contained in each named list.
- PROBLEM SELECTION CATEGORY (#125.11) - category names.
- PROBLEM SELECTION CATEGORY CONTENTS (#125.12) - problems contained in each category.
- NEW PERSON (#200), “125.1” field PROBLEM SELECTION LIST - pointer to PROBLEM SELECTION LIST (#125) file for the user.

File 125.99 - Problem List Site Parameters

To modify entries in this file, use the menu option GMPL MGT MENU - Edit PL Site Parameters. Changes made to these settings will affect ALL users. The settings included are as follows:

- VERIFY TRANSCRIBED PROBLEMS. Does your site require verification of problems entered by holders of the OREMAS key?
- PROMPT FOR CHART COPY. This setting is not used by the GUI version.
- USE CLINICAL LEXICON. Does your site use the Clinical Lexicon for problem lookup and entry, or should only free-text entries be used?
- DISPLAY ORDER. C: Chronological; R: Reverse chronological
- SCREEN DUPLICATE ENTRIES. Not used by the GUI Problems tab. If a duplicate entry is found when a new problem is being entered, the user is warned, and given the choice of whether or not to continue.

User Access and Privileges

If the user holds any of the ORES/ORELSE/PROVIDER keys, that user is viewed as a clinical user, and has full access privileges to all problem list options.

If a user holds the OREMAS key, that user is viewed as a clerical user. In that case, the Verify, Remove, Restore, and View Removed options will not be available. If the site parameter requiring verification is set to TRUE, then problems entered will be left in an UNVERIFIED state until a clinical user verifies them. Problems in the UNVERIFIED state are denoted by a dollar sign ($) inserted at the beginning of the line.

These access levels are also enforced when problems are entered via the encounter form. Problems entered on the encounter form by clerical personnel will be left as UNVERIFIED.

CPRS List Manager and the Problem List package do not operate exactly the same as described above. The Problem List package evaluates the presence/absence of menu options in the user's menu tree, and determines access accordingly. Since CPRS LM sometimes drops into PL package code, it uses a hybrid method of keys and menu options to determine access.

Medications Tab Settings

Medication List Content

All active medication orders are listed. In the case of outpatient orders, this includes medications that have been active within the last 120 days. So medications with a non-active status, such as DISCONTINUED, may be included in the list of outpatient medications. Each list of medications is sorted first by status. Active statuses are at the top of the list. Pending statuses are listed next, followed by any non-active statuses.

Active

Active statuses include:

- Active
- Refill
- Hold
- Suspended
- Provider Hold
- On Call

Pending

Pending statuses include:

- Non-Verified
- Drug Interactions
- Incomplete
- Pending

Non-active

Non-active statuses include:

- Done
- Expired
- Discontinued
- Deleted
- Discontinued by Provider
- Discontinued (Edit)
- Reinstated
- Renewed

Within each group of statuses, the medications are sorted by expiration date, with those that expire last at the top of the list.

How Long to Display Expired and Discontinued Meds

The CPRS parameter ORCH CONTEXT MEDS enables sites to set the length of time that expired and discontinued medications display on the Meds tab. This parameter does not affect the display of active medications, only how long expired and discontinued medications continue to display on the Meds tab.

CPRS enables the user to set a date range for which the expired and discontinued medications will display. For example, a user could decide to view the expired medications for the user from one year in the past (T-365). Or the user could set a period in the past such as June 16, 2006 to September 16, 2006. Normally, this date range should use relative dates such as T-180, T-365, or something similar.

The rules for how the date the user sets affects the display of Inpatient Medications, Non-VA Medications, and Outpatient Medications are slightly different:

- **Inpatient Meds**
  - Under Inpatient Medications, CPRS displays all expired and discontinued orders received from Inpatient Medications that have stop date and time that falls between the beginning and ending dates specified by the ORCH CONTEXT MEDS parameter.
  - If ORCH CONTEXT MEDS does not have a date, CPRS displays all active inpatient medications (including Pending) only. No expired or discontinued medications are displayed.

- **Non-VA Meds**
  - CPRS displays all Non-VA Meds without a start date/time.
  - For active Non-VA medications to be displayed, the order start date if it has one must be between ORCH CONTEXT MEDS start and stop date.
  - The order start date does not need to be absolute, meaning it could only be a month and a year.
  - To display a Non-VA medication that has expired, the order stop date must be after the ORCH CONTEXT MEDS start date.

- **Outpatient Meds**
  - CPRS displays all Active orders, including “active” Pending orders regardless of ORCH CONTEXT MED’s settings.
  - CPRS filters out deleted prescriptions and Pending orders that are DC (discontinued), DE (Discontinue edit), or RF (refill).
  - For outpatient medications, CPRS displays the orders from Outpatient Pharmacy that have a medication expiration date that is the same as the start date from ORCH CONTEXT MEDS or is closer to the present.
  - Outpatient Pharmacy ignores the end date of ORCH CONTEXT MEDS.
  - If CPRS does not pass a start date to Outpatient Pharmacy, then Outpatient Pharmacy uses a start date of T-120 or 120 days in the past.

New Medication Orders

When a user clicks **Action | New Medication**, the order dialog that is displayed is controlled by the parameter ORWDX NEW MED. The parameter allows separate values to be set for the inpatient and outpatient settings. If your site uses the standard PSJ OR PAT OE or PSO OERR orderable-item display lists, the default behavior of CPRS is to

display the Inpatient Medication ordering dialog for inpatients and the Outpatient Medication dialog for outpatients. Using CPRS GUI versions 23 and later, authorized hospital locations can order inpatient medications for outpatients. (To make this option available, you must first install the following pharmacy and scheduling patches: PS*1.0*59, PSJ*5.0*111, and SD*5.3*285.)

For hospital locations that are authorized to place inpatient medication orders for outpatients, you can override the default behavior of the **Action | New Medication** option through the ORWDX NEW MED parameter. Specifically, you can set this parameter to include menus that enable users to place these orders from the **Meds** tab. (See the "Inpatient Medication Orders for Outpatients: Setting the ORWDX NEW MED Parameter" and "Ordering Menus and Quick Orders" sections of this manual for more information about displaying menus. For information about authorizing a hospital location to place inpatient orders for outpatients, see the "Inpatient (Unit Dose) Medications for Outpatients" section of this manual.)

Inpatient Medication Orders for Outpatients: Setting the ORWDX NEW MED Parameter

Take the following steps to enable users at authorized hospital locations to order inpatient medications for outpatients from the **Meds** tab:

1. Access General Parameter Tools [XPAR MENU TOOLS].
2. Select Edit Parameter Values [XPAR EDIT PARAMETER'
3. Select the New Med Dialog [ORWDX NEW MED] parameter. You can set this parameter at one of the following three levels:
   - User (USR) [choose from NEW PERSON]
   - System (SYS) [YOUR SYSTEM NAME]
   - Package (PKG) [ORDER ENTRY/RESULTS REPORTING]
4. Select the level at which you want to set the ORWDX NEW MED parameter.
5. At the *Patient Status* prompt, enter o (for outpatient).
6. At the *Order Dialog* prompt, enter your menu selection.

When (in CPRS) users subsequently select **Action | New Medication** for outpatients, CPRS displays this menu. If the menu includes inpatient medications and users select an authorized Encounter Location for their orders, they can then order inpatient medications for outpatients.

Additional Options

Menu Options

You can also use the ORWDX NEW MED parameter to display other types of menus. For example, you can use this parameter to display a menu that directs users to the Orders tab for placing medication orders.

Example: Display a menu that tells the user to use the orders tab for med ordering.

The captioned output for a display-only menu looks similar to the following:

```
NAME: NO MED ORDERING                DISPLAY TEXT: NO MED ORDERING
  TYPE: menu                            COLUMN WIDTH: 80
SEQUENCE: 1.1
  DISPLAY TEXT: Ordering not allowed from here - use the orders tab.
  DISPLAY ONLY?: YES
  TIMESTAMP: 58337,65573
```

Do the following, to attach this menu so that it displays when the user clicks **New Medication...**

```
Select General Parameter Tools Option: EP  Edit Parameter Values
                         --- Edit Parameter Values ---
Select PARAMETER DEFINITION NAME: ORWDX NEW MED     New Med Dialog
ORWDX NEW MED may be set for the following:
     1   User          USR    [choose from NEW PERSON]
     3   System        SYS    [ROX-KCM.ISC-SLC.VA.GOV]
     4   Package       PKG    [ORDER ENTRY/RESULTS REPORTING]

Enter selection: 1  User   NEW PERSON
Select NEW PERSON NAME: CPRSPROVIDER,TEN       TC

--------------- Setting ORWDX NEW MED  for User: CPRSPROVIDER,TEN--------
Select Patient Status: Inpatient
Are you adding Inpatient as a new Patient Status? Yes// YES
Patient Status: Inpatient//    Inpatient
Order Dialog: NO MED ORDERING
Select Patient Status: Outpatient
Are you adding Outpatient as a new Patient Status? Yes//   YES

Patient Status: Outpatient//    Outpatient
Order Dialog: NO MED ORDERING
Select Patient Status:
```

Note that the parameter needed to be set for both the inpatient and outpatient settings. Attaching a quick-order menu is done the same way. Of course, the quick order menu would contain medication quick orders and the medication ordering dialogs, rather than just display text.

Stop Date for Inpatient Medication Orders

With PSS*1*59 and PSJ*5*111 and later, you can specify a stop date that applies to all inpatient medication orders for outpatients. The PSJ CSD parameter allows you to define the information used to calculate the stop date for inpatient medication orders for outpatients.

Note: IMO orders are affected by both CPRS auto-DC rules and Inpatient Medications rules for auto-discontinuing orders on admission and discharge. If sites do not want IMO orders to auto-discontinue on admission and discharge, sites will have to ensure that neither CPRS nor Inpatient Medications discontinues IMO orders. Inpatient Medications uses the AUTO-DC IMO ORDERS parameter to exclude IMO orders from being discontinued.

Orders Tab Settings

Order View

The list of orders that are viewed may be configured in several ways. A user may list orders by Display Group. The sequence of Display Groups is controlled by the parameter, ORWOR CATEGORY SEQUENCE. This parameter may be set only at the system level.

Example: Create a system level sequence for the order review screen and add a site defined Display Group for Restraints.

From the XPAR MENU TOOLS option, use "LV" to list the exported values for the ORWOR CATEGORY SEQUENCE parameter.

Use "EP" to edit the ORWOR CATEGORY SEQUENCE parameter at the system level. The system level does not "inherit" any values from the exported package level; it will be necessary to re-enter all the exported values at the system level.

Assuming you have created a display group for Restraints, you can now enter that display group at the position you wish.

If you wish to change the order of the exported display groups, you can change the sequence numbers.

```
Select Sequence: 15
Are you adding 15 as a new Sequence? Yes// YES
Sequence: 15//    15
Display Group: RESTRAINTS
Select Sequence: ?
     Sequence                              Value
     --------                              -----
     10                                    M.A.S.
     15                                    RESTRAINTS
     20                                    ALLERGIES
     30                                    VITALS/MEASUREMENTS
     35                                    ACTIVITY
     40                                    NURSING
     50                                    DIETETICS
     60                                    IV MEDICATIONS
     65                                    OUTPATIENT MEDICATIONS
     70                                    INPATIENT MEDICATIONS
     75                                    LABORATORY
     80                                    IMAGING
     90                                    CONSULTS
     100                                   PROCEDURES
     110                                   SURGERY
     120                                   OTHER HOSPITAL SERVICES
```

The initial view that is shown on the orders tab is controlled by the parameter, ORCH CONTEXT ORDERS. This parameter may be set at the system level or for an individual user. The parameter is updated at the user level whenever a user selects **View | Save as Default View...** While seldom done, you can change the default for the site by editing the parameter directly using the XPAR MENU TOOLS option. The default view is saved as a semi-colon delimited string.

Example: Context string for All Current Orders, Reverse Sort, Group by Service

```
ORCH CONTEXT ORDERS = “;;2;ALL;L;R;1”
1 - Beginning Date         5 - For List Manager Use
2 - Ending Date            6 - “R” if Reverse Sort
3 - Status Filter          7 - “1” if Group by Service
4 - Display Group
```

If you want to show orders with a completed status (complete, DC, etc.) in the Current Orders list for a number of hours after the time of completion, set the ORPF ACTIVE ORDERS CONTEXT HRS parameter. This may only be set at the system level. If you want the Current Orders list to only show pending, active, and hold orders, set the number of hours to 0.

If you wish to show the lab-assigned order number in the text of a lab order after it has been released to lab service, set the ORPF SHOW LAB # parameter to “yes”. This may only be set at the system level.

Expiring Orders

Expiring orders are those orders with a stop time between the present and midnight of the following day and on which no user has taken an action less than 24 hours from the expiration date/time. If the “following day” is a holiday, all orders with a stop date between now and midnight of the day after the holiday expire. If a user takes an action on the order less than 24 hours before the expiration data/time, the alert will not be generated. There is no parameter to change this.

Active Orders

Active orders include orders that have a status of:

- Hold
- Flagged
- Pending
- Active
- Scheduled
- Partial Results
- Unreleased
- Renewed

Also, orders with the following statuses are included if they have been assigned that status within the number of hours identified by the parameter ORPF ACTIVE ORDERS CONTEXT HRS:

- Discontinued
- Complete
- Expired
- Cancelled

So recent activity in this case means that the orders expired, the patient was discharged, etc. within the number of hours identified by the parameter, ORPF ACTIVE ORDERS CONTEXT HRS. The parameter may only be set for the entire site; there are no other levels.

Recent Activity

Recent Activity (today's orders) means the orders that have been released since midnight.

Recently Expired

This view looks only at order status not order action status. Looking at orders action status was causing duplicates with a DC/Edit and an Expired status. The number of hours that CPRS looks in the past for expired orders is defined in the parameter ORWOR EXPIRED ORDERS. This parameter can be set only at the system level.

Ordering Access/Authorization

Access to ordering is controlled by a combination of several parameters. These parameters are modified from the XPAR MENU TOOLS option.

ORWOR DISABLE ORDERING can be used to prevent writing new orders and taking action on existing orders. It only affects ordering in the GUI; LM does not check this parameter. The main use for this parameter is for phasing in GUI order entry. It can be set at the system level initially (set ORWOR DISABLE ORDERING = "yes" at the system level). Then, as you wish to give individual users the ability to order via the GUI, the parameter may be set to "no" for each user.

ORWOR ENABLE VERIFY is used to allow nurses to verify orders in the GUI. List Manager does not check this parameter. It can be used in cases where you want to disallow GUI ordering, but still want the nurses to verify using the GUI and visa versa.

Disable Ordering	**Enable Verify**	**Behavior**
Yes	Yes	Nurses can verify but users cannot order via GUI.
Yes	No	Both nurse verify & ordering are disabled via GUI.
No	Yes	Both nurse verify & ordering are allowed via GUI.
No	No	Ordering is allowed in GUI, but nurse verify is not.

OR OREMAS MED ORDERS determines what holders of the OREMAS key (clerks) are allowed to do with medication orders. The parameter may only be set at the system level. It may have the following values:

- **0 NO**: A clerk is completely prohibited from handling medication orders.
- **1 UNRELEASED ONLY**: A clerk may only enter unreleased orders for both Inpatient and Outpatient.
- **2 YES**: Clerks may take action on all medication orders. A clerk may enter new medication orders or DC these medication orders. Inpatient orders may be released to the Pharmacy as 'Signed on Chart'. Outpatient orders will require the physician's signature.

ORWOR DISABLE HOLD ORDERS will remove the "Hold" and "Release from Hold" items from the Action menu. Some sites prefer to implement holds as generic orders rather than require users to identify the specify orders to hold. For example, the generic order "Hold all oral medications" might be created and used instead of the hold action.

Inpatient Orders for Outpatients

Note: IMO features will not be available in the CPRS until patch SD*5.3*285 is installed in your account. This patch is currently under development.

The Inpatient Medications for Outpatients (IMO) project is designed to enable a CPRS user to order a unit-dose medication that is dispensed by inpatient pharmacy and administered to an outpatient in a clinic setting. Users can also order intravenous (IV) fluid infusion orders and Nursing text orders from an IMO location. It will also implement the display of those unit-dose orders, IV Fluid (Infusion) orders, and Nursing text orders written in an IMO location under a new display group named Clinic Orders. IMO allows VistA order checks to function for such medication orders. For the purposes of this document, IMO orders are defined as unit-dose medication orders, IV Fluid (Infusion) orders, and Nursing text orders written from an authorized IMO location.

Sites must do specific set up steps before users will be able to write IMO orders. To see more about set up and what sites need to consider before implementing IMO features, please see the Release Notes for patch PSJ*5*121.

Designating IMO Locations

To create an IMO location, sites designate specific clinics as IMO authorized locations by setting the ADMINISTER INPATIENT MEDS? field (#2802) to YES for the clinic, using either of these menu options that will be available when Scheduling patch SD*5.3*285:

- Set up a Clinic
- Inpatient Medications to Clinic

Note: To determine whether a location is an authorized IMO location, CPRS calls a Scheduling API to check if the patient has an appointment scheduled. As of the release of CPRS v.27, the Scheduling database is not yet ready. The API then returns a value of -3 to CPRS, which tells CPRS that the database could not be reached. CPRS then checks the location file and if the clinic is designated as an IMO clinic, the user can write IMO orders.

Ordering IMO Medications from the Meds Tab

IMO orders use a new ordering dialog if orders are being placed from the Meds tab. To use the Meds tab to place IMO orders, sites must do the following:

1. In List Manager, select the Edit Parameter Values [**XPAR EDIT PARAMETER**] option.
2. Enter the parameter **ORWDX NEW MED** parameter.
3. Select the appropriate level: User, System, or Package.

   Note: To set the package level, the user must be in programmer mode.

4. At the Patient Status prompt, enter **Outpatient**.
5. Add the order dialog **PSJ OR PAT OE** to the menu you have assigned to the Outpatient patient status.
6. When done, you may exit List Manager.

Displaying IMO Orders on the Meds Tab

On the Meds tab, all statuses (unreleased, pending, active, discontinued, expired, etc.) of IMO orders display at the top of the Inpatient Medications pane. Users can tell which orders are IMO orders because IMO orders have a location in the location column. There is no set up required for this display to occur.

Displaying IMO Orders on the Orders Tab

On the Orders tab, the order of display groups depends on the parameter ORWOR CATGEORY SEQUENCE. Sites need to decide where the Clinic Orders display group will appear. Sites may want to ensure that Clinic Orders display close to Inpatient and Outpatient display groups. To do this, pick a sequence number close to the numbers for these display groups.

The ORWOR CATEGORY SEQUENCE parameter can be set at either the Package or System levels. Remember that to set the parameter at the Package level, the user must be in programmer mode. An example of setting this parameter is shown under Order View.

Using Quick Orders with IMO

Sites must evaluate their quick orders based on the new processes to determine if they need to be edited for use in IMO clinics.

If patients are shared between locations, such as inpatients receiving dialysis in the Dialysis Unit, it is helpful to use quick orders and include the ordering location in the provider comments. This helps reinforce where the medication should be administered, in addition to the Clinic Orders display group and the Location column.

For all of the following examples we will start on the Order Menu Management [ORCM MGMT] option in VistA.

Setting up Nursing Generic Text Orders

1. Select **GO** Enter/Edit Generic Orders.
2. At the select order dialog name, enter one of the following:
   - OR GXTEXT WORD PROCESSING ORDER
   - OR GXMISC GENERAL
   - OR GXTEXT TEXT ONLY ORDER
3. Enter a generic order name at the Select Generic Order Name prompt.
4. At the Type of Generic Order prompt select **Nursing.**
5. Enter Display Text (optional).
6. Continue through the rest of the prompts and answer appropriately for your site.
7. The text instructions are entered at the Instructions: prompt.

Note: The Type of Display Group prompt is used to determine under which display group text orders will appear. If the user setting up IMO enters a group other than Nursing into this field, the text order will not follow the IMO rules. For Nursing quick orders, use the OR GXMISC GENERAL dialog.

To add text orders to an order set, use these steps:

1. Select **ST** Enter/edit order sets.
2. Enter the order set name.
3. If entering a new order set, the user can copy the contents of another order set into the new order set.
4. At the Select Component Sequence#: prompt the user would select what sequence number they want the text order to appear in the order set.
5. At the Item prompt the user would select name of the text order to add to the order set.

Writing Orders

The Write Orders list box serves as the point from which order writing is initiated. This list box can contain order menus, order sets, quick orders, or any order dialog. You may wish to begin by simply setting up the Write Orders list box so that it contains one item - a link to the same menu as that used by the OR ADD ORDERS MENU parameter. The CPRS GUI does not use OR ADD ORDERS MENU; it is used only by the List Manager interface. A different parameter is used because the "Write Orders" list box is not a multi-column orders menu. It was intended to provide an easy place to branch into a variety of order menus or general ordering dialogs. One way of looking at it is that it allows a user to have a series of context specific "Main Add Orders" menus.

There are two parameters that control the content of the "Write Orders" list box. Each parameter may be set at the system, division, service, location, or user levels. The older parameter is ORWOR WRITE ORDERS LIST. Each time this parameter is set for a given entity (user, location, etc.), every item in the list must be entered. To reduce the redundant entries, ORWDX WRITE ORDERS LIST was created. This parameter points to a menu in the Order Dialog file (101.41). You begin by creating the list of entries as a one-column menu in the Order Dialog file, and then set the parameter to reference that entry. Then, each time you need to set up a new user (or location, service, etc.) with that "Write Orders" list, you don't have to re-enter every item.

A value for ORWDX WRITE ORDERS LIST will override a value for ORWOR WRITE ORDERS LIST if one is present. ORWDX WRITE ORDERS LIST will be the parameter that is manipulated set by future menu configuration tools. ORWOR WRITE ORDERS LIST remains for backwards compatibility.

Example: Select a user and set up a "Write Orders" list that contains two quick order menus, an admission order set, plus the general laboratory ordering dialog.

Configuring the Orders List Using the ORWOR WRITE ORDERS LIST Parameter

Use the General Parameter Tools option. Select EP, Edit Parameter Values.

```
Select PARAMETER DEFINITION NAME: ORWOR WRITE ORDERS LIST     Write
Orders (Inpatient)
ORWOR WRITE ORDERS LIST may be set for the following:
     1   User          USR    [choose from NEW PERSON]
     2   Location      LOC    [choose from HOSPITAL LOCATION]
     2.3 Service       SRV    [choose from SERVICE/SECTION]
     2.7 Division      DIV    [REGION 5]
     3   System        SYS    [OEC.ISC-SLC.VA.GOV]
Enter selection: 1  User   NEW PERSON

Select NEW PERSON NAME: CPRSPROVIDER,TEN       TC

-------- Setting ORWOR WRITE ORDERS LIST for User: CPRSPROVIDER,TEN -----
Select Sequence: 10
Are you adding 10 as a new Sequence? Yes// YES
Sequence: 10//    10
Order Dialog: ORZ GEN MED QUICK ORDERS
Select Sequence: 20
Are you adding 20 as a new Sequence? Yes//   YES
Sequence: 20//    20
Order Dialog: ORZ MENTAL HEALTH QUICK ORDERS
Select Sequence: 30
Are you adding 30 as a new Sequence? Yes//   YES
Sequence: 30//    30
Order Dialog: ORZ ADMIT TO MEDICINE
Select Sequence: 40
Are you adding 40 as a new Sequence? Yes//   YES
Sequence: 40//    40
Order Dialog: LR OTHER LAB TESTS
Select Sequence:
```

To configure the Orders List Using ORWDX WRITE ORDERS LIST Parameter

1. use Enter/Edit order menus in Order Menu Management.

```
Select Order Menu Management Option: MN  Enter/edit order menus
Select ORDER MENU: ORZ GEN MED WRITE ORDERS LIST
  Are you adding 'ORZ GEN MED WRITE ORDERS LIST' as
    a new ORDER DIALOG? No// Y  (Yes)
Do you wish to copy an existing menu? YES// NO
DISPLAY TEXT:                                <-- ignored in GUI
DESCRIPTION:
  1> General Medicine "Write Orders" list
COLUMN WIDTH: 80
MNEMONIC WIDTH: :                            <-- ignored in GUI
PATH SWITCH: :                               <-- ignored in GUI
```

The menu editor appears.

2. Select Add..., then Menu Items...p

```
Add: menu   Menu Items
ITEM: ORZ GEN
     1   ORZ GEN MED QUICK ORDERS
     2   ORZ GEN MED WRITE ORDERS LIST
CHOOSE 1-2: 1  ORZ GEN MED QUICK ORDERS
ROW: 1
COLUMN: 1
DISPLAY TEXT:
MNEMONIC:     :
ITEM: ORZ MENTAL HEALTH QUICK ORDERS
ROW: 2
COLUMN: 1
DISPLAY TEXT:
MNEMONIC:
ITEM: ORZ ADMIT TO MEDICINE
ROW: 3
COLUMN: 1
DISPLAY TEXT:
MNEMONIC:
ITEM: LR OTHER LAB TESTS
ROW: 4
COLUMN: 1
DISPLAY TEXT:
MNEMONIC:
ITEM:
```

Use the General Parameter Tools option. Select EP, Edit Parameter Values.

```
Select PARAMETER DEFINITION NAME: ORWDX WRITE ORDERS LIST     Menu for
Write Orders List
ORWDX WRITE ORDERS LIST may be set for the following:
     2   User          USR    [choose from NEW PERSON]
     4   Location      LOC    [choose from HOSPITAL LOCATION]
     5   Service       SRV    [choose from SERVICE/SECTION]
     7   Division      DIV    [REGION 5]
     8   System        SYS    [OEC.ISC-SLC.VA.GOV]
Enter selection: 2  User   NEW PERSON
Select NEW PERSON NAME: CPRSPROVIDER,TEN     TC

-------- Setting ORWDX WRITE ORDERS LIST  for User: CPRSPROVIDER,TEN----
Order Dialog: ORZ GEN MED WRITE ORDERS LIST
```

Since the “Write Orders” list has been set up as a menu, you will only need to do the second step, setting the ORWDX WRITE ORDERS LIST parameter, for any additional users.

The actual text used in the “Write Orders” list box is the text found in the LIST BOX TEXT field (#55) of the Order Dialog file (#101.41). If no text is present in that field, the value of the DISPLAY TEXT field (#2) is used.

Event-Delayed Orders

This section describes how to create, edit, and view a release event. Creating a release event allows CPRS users to write event-delayed orders that are not executed until the release event occurs. For example, you could create a release event called "Transfer to Medicine Treating Specialty" that includes three different, but related treating specialties. A clinician could then write an order that would be delayed until the "Transfer to Medicine Treating Specialty" release event occurred (i.e., the patient is transferred to one of the treating specialties). After the "Transfer to Medicine Treating Specialty" event occurred, the order would be released.

Creating a Release Event

Note: Release events are stored in the OE/RR RELEASE EVENTS file (#100.5).

To create a release event, follow these steps:

1. Open the CPRS Configuration (Clin Coord) menu [OR PARAM COORDINATOR MENU].

```
AL Allocate OE/RR Security Keys [ORCL KEY ALLOCATION]
KK Check for Multiple Keys [ORE KEY CHECK]
DC Edit DC Reasons [ORCL ORDER REASON]
GP GUI Parameters ... [ORW PARAM GUI]
GA GUI Access - Tabs, RPL [ORCL CPRS ACCESS]
MI Miscellaneous Parameters [OR PARAM ORDER MISC]
NO Notification Mgmt Menu ... [ORB NOT COORD MENU]
OC Order Checking Mgmt Menu ... [ORK ORDER CHK MGMT MENU]
MM Order Menu Management ... [ORCM MGMT]
LI Patient List Mgmt Menu ... [ORLP PATIENT LIST MGMT]
FP Print Formats [ORCL PRINT FORMAT]
PR Print/Report Parameters ... [OR PARAM PRINTS]
RE Release/Cancel Delayed Orders [ORC DELAYED ORDERS]
US Unsigned orders search [OR UNSIGNED ORDERS]
EX Set Unsigned Orders View on Exit [OR PARAM UNSIGNED ORDERS VIEW]
NA Search orders by Nature or Status [OR NATURE/STATUS ORDER SEARCH]
DO Event Delayed Orders Menu ... [OR DELAYED ORDERS]
PM Performance Monitor Report [OR PERFORMANCE MONITOR]
```

2. Select the Event Delayed Orders Menu by typing **DO**.

   The following menu will appear:

```
DO Delayed Orders/Auto-DC Set-up [OR DELAYED ORDERS EDITOR]
EP Parameters for event delayed orders [OR EVENT PARAMETERS]
IN Inquire to OE/RR Patient Event File [OR PATINET EVENT INQUIRY]
```

3. Select Delayed Orders/Auto-DC Set-up by typing **DO**.

   The following menu will appear.

```
Select one of the following:

Auto-DC Rules
Release Events
Enter response:
```

4. Select Release Events by typing **2**.

   The existing release events will appear in a numbered list.

5. Select Add/Edit by typing **AE**.

6. Press **return** at the *Select item(s)* prompt.
7. Type a name for the release event at the *Select OE/RR RELEASE EVENTS NAME* prompt and press **Return**.
8. Type **Y** or **Yes** at the Are you adding [event name] as a new OE/RR RELEASE EVENTS? prompt.
9. Enter one of these letters at the *OE/RR RELEASE EVENTS TYPE OF EVENT* prompt:
   - A for an admission event.
   - T for a transfer event.
   - D for a discharge event.
   - O for an O.R. event.
   - M for a manual release event.
10. Enter a division at the *OE/RR RELEASE EVENTS DIVISION* prompt.
    - For admission events, enter the location where the patient will be admitted.
    - For transfer events, enter the location where the patient will be transferred.
    - For discharge events, enter the location the patient will be leaving.
    - For O.R. events, enter the location where the patient will have the procedure.
    - For manual release events, enter the location where the patient will be located.
11. Enter **Y** or **N** at the Do you want to copy from an existing entry? prompt.
12. You will now be prompted to enter additional required information. For an explanation of additional prompts and fields you may encounter, see the **Explanation of Release Event Prompts (Fields in the OE/RR RELEASE EVENTS file #100.5)** topic.
13. Once you have entered all of the required information, the You have now entered the required fields and may ^ to exit prompt will appear. If you do not wish to further define this event, type ^ to exit.

Note: You can also create a new release event from the detailed display screen.

Note: New release events are inactive by default and must be activated (by following the steps in the Activating / Inactivating a Release Event topic) before they are used.

Creating a Child Release Event

A child release event is a variation of a main or parent release event. A child release event shares the same trigger event as its parent; however, a child release event can be assigned to a different order menu than its parent release event.

For example, suppose your facility has a release event named “transfer to surgery ICU” that releases orders when a patient is transferred to the surgery ICU. This release event is appropriate for most of your needs; however, when a clinician writes delayed orders for a transfer to the orthopedic surgery ICU, you would like the clinician to be presented with a slightly different order menu. In this example, you could create a child release event called “transfer to orthopedic surgery ICU”. This child event would share the same trigger event as its parent; however, clinicians who selected the “transfer to orthopedic surgery ICU” child release event would be presented with a different order menu.

To create a child release event, follow these steps:

1. Open the CPRS Configuration (Clin Coord) menu [OR PARAM COORDINATOR MENU].

```
AL Allocate OE/RR Security Keys [ORCL KEY ALLOCATION]
KK Check for Multiple Keys [ORE KEY CHECK]
DC Edit DC Reasons [ORCL ORDER REASON]
GP GUI Parameters ... [ORW PARAM GUI]
GA GUI Access - Tabs, RPL [ORCL CPRS ACCESS]
MI Miscellaneous Parameters [OR PARAM ORDER MISC]
NO Notification Mgmt Menu ... [ORB NOT COORD MENU]
OC Order Checking Mgmt Menu ... [ORK ORDER CHK MGMT MENU]
MM Order Menu Management ... [ORCM MGMT]
LI Patient List Mgmt Menu ... [ORLP PATIENT LIST MGMT]
FP Print Formats [ORCL PRINT FORMAT]
PR Print/Report Parameters ... [OR PARAM PRINTS]
RE Release/Cancel Delayed Orders [ORC DELAYED ORDERS]
US Unsigned orders search [OR UNSIGNED ORDERS]
EX Set Unsigned Orders View on Exit [OR PARAM UNSIGNED ORDERS VIEW]
NA Search orders by Nature or Status [OR NATURE/STATUS ORDER SEARCH]
DO Event Delayed Orders Menu ... [OR DELAYED ORDERS]
PM Performance Monitor Report [OR PERFORMANCE MONITOR]
```

2. Select the Event Delayed Orders Menu by typing **DO**.

   The following menu will appear:

```
DO Delayed Orders/Auto-DC Set-up [OR DELAYED ORDERS EDITOR]
EP Parameters for event delayed orders [OR EVENT PARAMETERS]
IN Inquire to OE/RR Patient Event File [OR PATINET EVENT INQUIRY]
```

3. Select Delayed Orders/Auto-DC Set-up by typing **DO**.

   The following menu will appear

```
Select one of the following:
1. Auto-DC Rules
2. Release Events
Enter response:
```

4. Select Release Events by typing **2**.

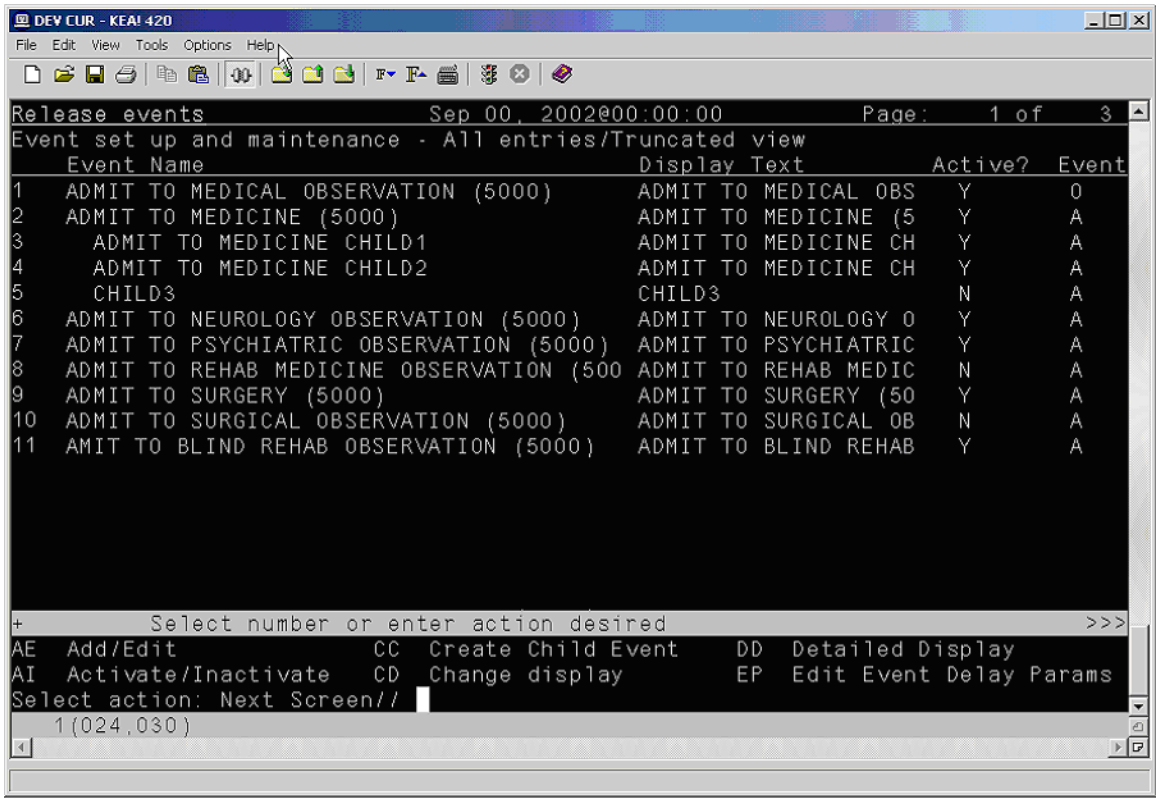
   The existing release events will appear in a numbered list.

5. Select Create Child Event by typing **CC**.

6. At the *Select item(s)* prompt, enter the number of the parent event that you want to associate with the new child release event.
7. At the *Select OE/RR CHILD RELEASE EVENTS NAME* prompt, type a name for the new child release event.
8. The name that you entered in step 6 will appear. Verify that you entered the name correctly and press **Return**.
9. Enter the name that you would like displayed to CPRS users at the *DISPLAY TEXT* prompt.
10. Once you have entered all of the required information, the *You have now entered the required fields and may ^ to exit* prompt will appear. If you do not wish to further define this child event, type ^ to exit. If you would like to enter additional information, please refer to the **Explanation of Release Event Prompts (Fields in the OE/RR RELEASE EVENTS file #100.5).**

Note: New child release events are inactive by default and must be activated (by following the steps in the Activating / Inactivating a Release Event topic) before they are used.

Note: Child release events are indented and displayed under the associated parent event.



Items 3, 4, and 5 are child release events of the Admit to Medicine parent release event.

Explanation of Release Event Prompts (Fields in the OE/RR RELEASE EVENTS file #100.5)

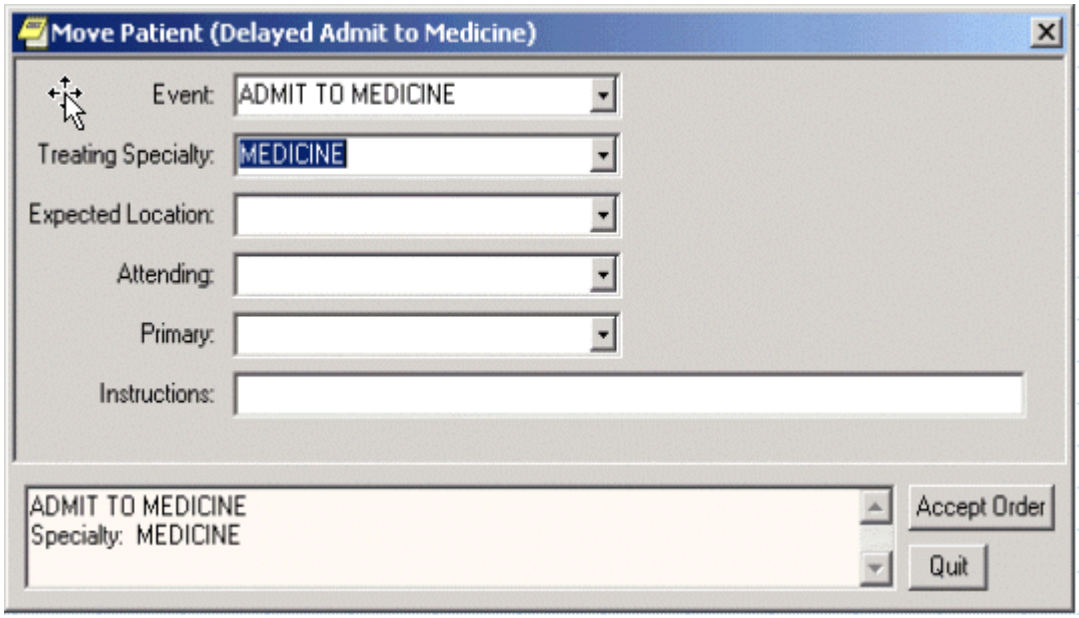
The list below explains the additional prompts (fields) that you may encounter when entering a new release event:

- *Display Text* – the name of the release event as it appears to CPRS users.
- *Type of Event* – the type of release event. The value of this field can be **A** (admission event), **T** (transfer event), **D** (discharge event), **O** (O.R. event), or **M** (manual release event).
- *Division* – the division to which the release event will apply.
  - For admission events the division is the admitting location.
  - For discharge events the division is the location the patient is leaving.
  - For transfer events the division is the receiving location where the patient will be transferred.
  - For O.R. events the division is the location where the patient will have the procedure.
  - For manual release events the division is where the patient will be located.

- *MAS Movement Type* – the MAS movement type that will trigger this release event.
  - For admission and discharge events it is recommended that this field be left blank unless you have a need for a very specific admission/discharge event. This way, any admission/discharge type will release delayed orders.
  - For O.R. events a MAS Movement type is not required.

- *Select Included Locations* – the locations included in the release event.
- *Select Included Treating Specialties* – the treating specialties included in the release event.
  - For O.R events a treating specialty is not required.

- *Short Name* – a short name for the release event (used when space is limited on the Orders tab).
- *Event Order Dialog* – the name of the dialog that appears when a user writes an event-delayed order assigned to the release event.
  - For admission events use OR(Z) GXMOVE EVENT or ADMIT PATIENT.
  - For discharge events use OR(Z) GXMOVE EVENT or DISCHARGE.
  - For transfer events use OR(Z) GXMOVE EVENT or TRANSFER.



The OR GXMOVE EVENT dialog.

- *Order Set Menu* – the order set/menu that will appear when a user writes an event-delayed order assigned to the release event.
  Note: Order sets listed in this field should be part of an order menu.

- *Lapse in # Days* – the number of days that an event-delayed order assigned to the release event will remain active. Once the number of days specified is exceeded, you can no longer release orders assigned to this release event.
- *Ordering Parameters Location* – the location that the release event will use to retrieve its ordering parameters.
  - For admission, transfer, O.R., and manual release events, be sure to specify a representative location so that the appropriate parameter values for dialogs (such as dietetics and lab) are used.
  - For discharge events it is recommended that you specify a representative location so that the appropriate parameter values for dialogs are used. However, this is not required because the patient will be leaving the facility.

- *Copy Active Orders* – indicates whether a user should be permitted to copy existing active orders to new event-delayed orders.
  - For admission and discharge events this field is usually set to no.
  - For transfer events this field is usually set to yes.

  Note: You can configure the OREVNT EXCLUDE DGRP parameter to prevent orders belonging to specific display groups from being copied. For more information, refer to Excluding Display Groups from the Copy Active Orders Dialog Box

Sample Release Events

Sample Admission Event

```
Cache TRM:1124
File  Edit  Help
 Detailed Display                May 00, 2002@00:00:00          Page:     1 of     2
Name:                            ADMIT TO MEDICINE
Short name:                      ADMIT TO MED
Inactivated:
Type of event:                   ADMISSION
Division:                        REGION 5
Event order dialog:              OR GXMOVE EVENT
Order set/menu:                  ZZMEL MENU
Lapse in #days:                  14
Mas movement type:
Display text:                    ADMIT TO MEDICINE
Ordering parameters location: 2B MED
Copy active orders:              YES

Included Locations:
2B MED

Included Treating Specialties:
MEDICINE
MEDICAL OBSERVATION

+          Enter ?? for more actions
AE    Add/Edit                          AI    Activate/Inactivate
Select Item(s): Next Screen//
```

This sample release event uses the OR GXMOVE EVENT dialog and does not specify a MAS movement type.

Sample Discharge Event

```
Cache TRM:1204
File  Edit  Help
 Detailed Display                May 00, 2002@00:00:00          Page:     1 of     1
Name:                            DISCHARGE
Short name:                      DISCH
Inactivated:                     May 00, 2002@00:00:00
Type of event:                   DISCHARGE
Division:                        REGION 5
Event order dialog:              OR GXMOVE DISCHARGE
Order set/menu:                  ZZMEL DISCHARGE SET
Lapse in #days:                  7
Mas movement type:
Display text:                    Discharge
Ordering parameters location:
Copy active orders:

          Enter ?? for more actions                                          >>>
AE    Add/Edit              AI    Activate/Inactivate   HIS   Add/Remove Histories
Select Item(s): Quit//
```

A sample discharge event

Sample Transfer Event: Ward or Division Change

```
Cache TRM:1124
File  Edit  Help
Detailed Display                  May 00, 2002@00:00:00          Page:    1 of    2
Name:                             TRANSFER TO 1A
Short name:                       1A
Inactivated:
Type of event:                    TRANSFER
Division:                         REGION 5
Event order dialog:               OR GXMOVE TRANSFER
Order set/menu:
Lapse in #days:                   30
Mas movement type:                INTERWARD TRANSFER
Display text:                     TRANSFER TO 1A
Ordering parameters location:     1A
Copy active orders:               YES

Included Locations:
1A

Activation History:
Activated: May 00, 2002@00:00:00  Inactivated:

Add/Edit History:
+          Enter ?? for more actions
AE    Add/Edit                          AI    Activate/Inactivate
Select Item(s): Next Screen//
```

A sample transfer event for a ward or division change

Sample Transfer Event: From PASS

```
Cache TRM:1124
File  Edit  Help
Detailed Display                  May 00, 2002@00:00:00          Page:    1 of    1
Name:                             RETURN FROM PASS
Short name:                       FROM PASS
Inactivated:
Type of event:                    TRANSFER
Division:                         REGION 5
Event order dialog:
Order set/menu:
Lapse in #days:                   7
Mas movement type:                FROM AUTH. ABSENCE OF 96 HOURS OR LESS
Display text:                     RETURN FROM PASS
Ordering parameters location:
Copy active orders:               YES

Activation History:
Activated: May 00, 2002@00:00:00  Inactivated:

Add/Edit History:
Added on May 00, 2002@00:00 by CPRSPROVIDER,TEN

          Enter ?? for more actions
AE    Add/Edit                          AI    Activate/Inactivate
Select Item(s): Quit//
```

The MAS movement type specified in this event distinguishes the type of transfer.

Sample Transfer Event: to ASIH

```
Cache TRM:1124
File  Edit  Help
 Detailed Display                May 00, 2002@00:00:00          Page:     1 of     1
Name:                            TO ASIH
Short name:                      TO ASIH
Inactivated:                     May 00, 2002@00:00:00
Type of event:                   TRANSFER
Division:                        REGION 5
Event order dialog:              OR GXMOVE EVENT
Order set/menu:                  ZZMEL MENU
Lapse in #days:                  3
Mas movement type:               TO ASIH (VAH)
Display text:                    TO ASIH
Ordering parameters location:    2B MED
Copy active orders:

Included Treating Specialties:
MEDICINE
SURGERY

Add/Edit History:
Added on    May 00, 2002@00:00 by CPRSPROVIDER,TEN

          Enter ?? for more actions
AE    Add/Edit                          AI    Activate/Inactivate
Select Item(s): Quit//
```

Sample transfer event: to ASIH

Sample Transfer Event: to NHCU

```
Cache TRM:1284
File  Edit  Help
 Detailed Display                May 00, 2002@00:00:00          Page:     1 of     1
Name:                            ADMIT TO NHCU
Short name:                      NHCU
Inactivated:                     May 00, 2002@00:00:00
Type of event:                   ADMISSION
Division:                        REGION 5
Event order dialog:              ORZ GXMOVE ADMIT PATIENT
Order set/menu:                  ZZMEL MENU
Lapse in #days:                  7
Mas movement type:
Display text:                    Transfer to NHCU
Ordering parameters location:
Copy active orders:              YES

Included Treating Specialties:
DOMICILIARY CHV

          Enter ?? for more actions                                          >>>
AE    Add/Edit                AI    Activate/Inactivate   HIS   Add/Remove Histories
Select Item(s): Quit//
```

Sample transfer event: to NHCU

Sample O.R. Event

```
Cache TRM:1264
File  Edit  Help
 Detailed Display                May 00, 2002@00:00:00          Page:    1 of    1
Name:                            SURGERY
Inactivated:                     May 00, 2002@00:00:00
Type of event:                   O.R.
Division:                        REGION 5
Dc reason:                       Surgery
Display text:                    SURGERY

Included Packages:
ORDER ENTRY/RESULTS REPORTING
INPATIENT MEDICATIONS
IV MEDICATIONS
LAB SERVICE

Add/Edit History:
Added on May 00, 2002@00:00 by CPRSPROVIDER,TEN
Edited on May 00, 2002@00:00 by CPRSPROVIDER,TEN

          Enter ?? for more actions
AE    Add/Edit                                AI    Activate/Inactivate
Select Item(s): Quit//
```

A sample O.R. event

Sample Manual Release Event

```
Cache TRM:1124
File  Edit  Help
 Detailed Display                May 00, 2002@00:00:00          Page:    1 of    1
Name:                            POST-OP
Short name:                      POST-OP
Inactivated:
Type of event:                   MANUAL RELEASE
Division:                        REGION 5
Event order dialog:
Order set/menu:                  ZZNEL MENU
Lapse in #days:                  14
Display text:                    POST-OP
Ordering parameters location:    1A
Copy active orders:

Activation History:
Activated: May 00, 2002@00:00:00   Inactivated:

Add/Edit History:
Added on
Edited on May 00, 2002@00:00:00 by CPRSPROVIDER,TEN
Edited on May 00, 2002@00:00:00 by CPRSPROVIDER,TEN
Edited on May 00, 2002@00:00:00 by CPRSPROVIDER,TEN
          Enter ?? for more actions
AE    Add/Edit                                AI    Activate/Inactivate
Select Item(s): Quit//
```

A sample manual release event

Activating/Inactivating a Release Event

Note: If a parent release event is inactive, all child release events will also be inactive. However, a child release event can be inactive while the parent release event is active.

To activate/inactivate a release event, follow these steps:

1. Open the CPRS Configuration (Clin Coord) menu [OR PARAM COORDINATOR MENU].

```
AL Allocate OE/RR Security Keys [ORCL KEY ALLOCATION]
KK Check for Multiple Keys [ORE KEY CHECK]
DC Edit DC Reasons [ORCL ORDER REASON]
GP GUI Parameters ... [ORW PARAM GUI]
GA GUI Access - Tabs, RPL [ORCL CPRS ACCESS]
MI Miscellaneous Parameters [OR PARAM ORDER MISC]
NO Notification Mgmt Menu ... [ORB NOT COORD MENU]
OC Order Checking Mgmt Menu ... [ORK ORDER CHK MGMT MENU]
MM Order Menu Management ... [ORCM MGMT]
LI Patient List Mgmt Menu ... [ORLP PATIENT LIST MGMT]
FP Print Formats [ORCL PRINT FORMAT]
PR Print/Report Parameters ... [OR PARAM PRINTS]
RE Release/Cancel Delayed Orders [ORC DELAYED ORDERS]
US Unsigned orders search [OR UNSIGNED ORDERS]
EX Set Unsigned Orders View on Exit [OR PARAM UNSIGNED ORDERS VIEW]
NA Search orders by Nature or Status [OR NATURE/STATUS ORDER SEARCH]
DO Event Delayed Orders Menu ... [OR DELAYED ORDERS]
PM Performance Monitor Report [OR PERFORMANCE MONITOR]
```

2. Select the Event Delayed Orders Menu by typing **DO**.

   The following menu will appear:

```
DO Delayed Orders/Auto-DC Set-up [OR DELAYED ORDERS EDITOR]
EP Parameters for event delayed orders [OR EVENT PARAMETERS]
IN Inquire to OE/RR Patient Event File [OR PATINET EVENT INQUIRY]
```

3. Select Delayed Orders/Auto-DC Set-up by typing **DO**.

   The following menu will appear

```
Select one of the following:

1. Auto-DC Rules
2. Release Events
Enter response:
```

4. Select Release Events by typing **2**.

   The existing release events will appear in a numbered list.

5. Select Activate/Inactivate by typing **AI**.
6. Type the number of the release event you would like to activate/inactivate at the *Select items* prompt.
7. The computer will display a message asking if you are sure you want to activate/inactivate this release event. Type the appropriate response.

Note: You can also activate/inactivate a release event from the detailed display screen.

Note: Once you have activated a release event, the event will appear on the Event Delayed Orders dialog in the CPRS GUI. Users can now write orders that are delayed until the release event occurs.

Detailed Display of a Release Event

To view a detailed display of a release event, follow these steps:

1. Open the CPRS Configuration (Clin Coord) menu [OR PARAM COORDINATOR MENU].

```
AL Allocate OE/RR Security Keys [ORCL KEY ALLOCATION]
KK Check for Multiple Keys [ORE KEY CHECK]
DC Edit DC Reasons [ORCL ORDER REASON]
GP GUI Parameters ... [ORW PARAM GUI]
GA GUI Access - Tabs, RPL [ORCL CPRS ACCESS]
MI Miscellaneous Parameters [OR PARAM ORDER MISC]
NO Notification Mgmt Menu ... [ORB NOT COORD MENU]
OC Order Checking Mgmt Menu ... [ORK ORDER CHK MGMT MENU]
MM Order Menu Management ... [ORCM MGMT]
LI Patient List Mgmt Menu ... [ORLP PATIENT LIST MGMT]
FP Print Formats [ORCL PRINT FORMAT]
PR Print/Report Parameters ... [OR PARAM PRINTS]
RE Release/Cancel Delayed Orders [ORC DELAYED ORDERS]
US Unsigned orders search [OR UNSIGNED ORDERS]
EX Set Unsigned Orders View on Exit [OR PARAM UNSIGNED ORDERS VIEW]
NA Search orders by Nature or Status [OR NATURE/STATUS ORDER SEARCH]
DO Event Delayed Orders Menu ... [OR DELAYED ORDERS]
PM Performance Monitor Report [OR PERFORMANCE MONITOR]
```

2. Select the Event Delayed Orders Menu by typing DO.

   The following menu will appear:

```
DO Delayed Orders/Auto-DC Set-up [OR DELAYED ORDERS EDITOR]
EP Parameters for event delayed orders [OR EVENT PARAMETERS]
IN Inquire to OE/RR Patient Event File [OR PATINET EVENT INQUIRY]
```

3. Select Delayed Orders/Auto-DC Set-up by typing **DO**.

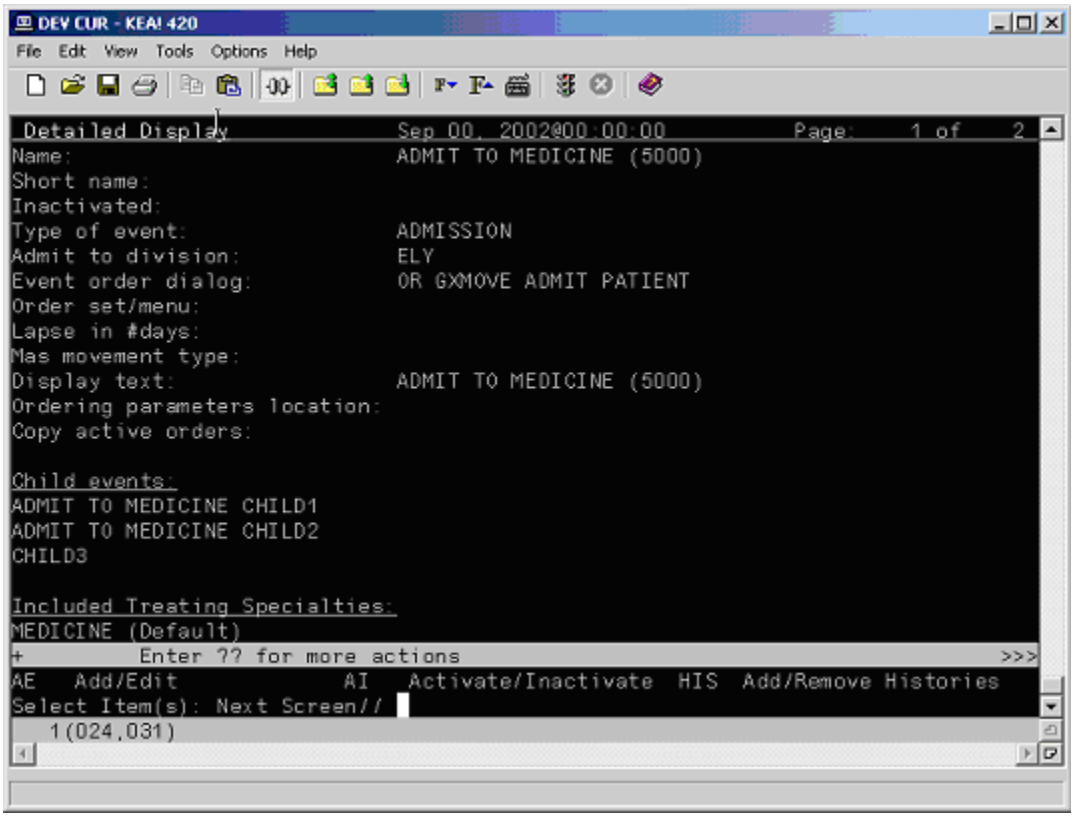
   The following menu will appear:

```
Select one of the following:

1. Auto-DC Rules
2. Release Events
Enter response:
```

4. Choose Release Events by typing **2**.
5. Select Detailed Display by typing **DD**.
6. At the *Select item(s)* prompt, type the number of the release event that you would like to display.

   A detailed display of the release event will appear.



The release event detailed display

Audit and Activation History

The audit and activation histories on the detailed display can be toggled on or off depending on your preferences.

To toggle the audit and activation histories on or off, follow these steps:

1. Open the CPRS Configuration (Clin Coord) menu [OR PARAM COORDINATOR MENU].

```
AL Allocate OE/RR Security Keys [ORCL KEY ALLOCATION]
KK Check for Multiple Keys [ORE KEY CHECK]
DC Edit DC Reasons [ORCL ORDER REASON]
GP GUI Parameters ... [ORW PARAM GUI]
GA GUI Access - Tabs, RPL [ORCL CPRS ACCESS]
MI Miscellaneous Parameters [OR PARAM ORDER MISC]
NO Notification Mgmt Menu ... [ORB NOT COORD MENU]
OC Order Checking Mgmt Menu ... [ORK ORDER CHK MGMT MENU]
MM Order Menu Management ... [ORCM MGMT]
LI Patient List Mgmt Menu ... [ORLP PATIENT LIST MGMT]
FP Print Formats [ORCL PRINT FORMAT]
PR Print/Report Parameters ... [OR PARAM PRINTS]
RE Release/Cancel Delayed Orders [ORC DELAYED ORDERS]
US Unsigned orders search [OR UNSIGNED ORDERS]
EX Set Unsigned Orders View on Exit [OR PARAM UNSIGNED ORDERS VIEW]
NA Search orders by Nature or Status [OR NATURE/STATUS ORDER SEARCH]
DO Event Delayed Orders Menu ... [OR DELAYED ORDERS]
PM Performance Monitor Report [OR PERFORMANCE MONITOR]
```

2. Select the Event Delayed Orders Menu by typing DO.

   The following menu will appear:

```
DO Delayed Orders/Auto-DC Set-up [OR DELAYED ORDERS EDITOR]
EP Parameters for event delayed orders [OR EVENT PARAMETERS]
IN Inquire to OE/RR Patient Event File [OR PATINET EVENT INQUIRY]
```

3. Select Delayed Orders/Auto-DC Set-up by typing DO.

   The following menu will appear

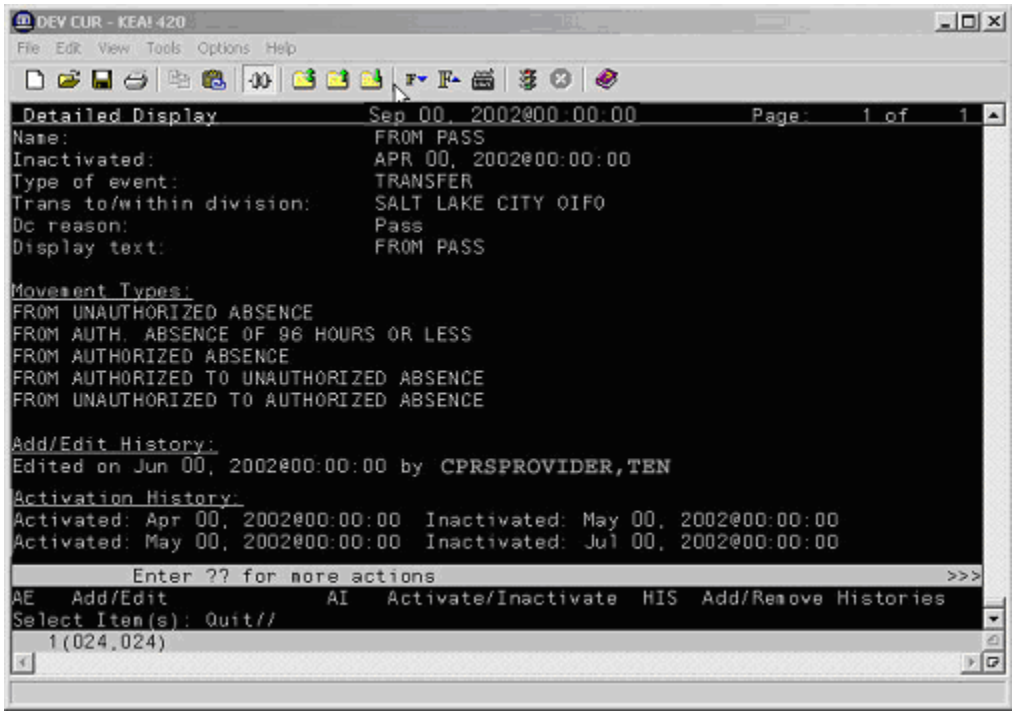
```
Select one of the following:

1. Auto-DC Rules
2. Release Events
Enter response:
```

4. Type 1 to select Auto-DC Rules or 2 to select Release Events.
5. Type DD to select Detailed Display.
6. At the Select item(s) prompt, type the number of the release event or auto-DC rule that you would like to display.

   A detailed display of the release event or auto-DC rule will appear.

7. Type H to select Add/Remove Histories.
8. At the Do you want to include them on the detailed display? prompt, type Y to include the audit and activation histories on the detailed display. Type N if you do not wish to display the audit and activation histories.



The audit and activation history can be toggled on or off on the detailed display screen.

Tracking Event-Delayed Orders (OE/RR PATIENT EVENTS file #100.2)

You can use the information stored in the OE/RR PATIENT EVENTS file (#100.2) to determine which orders were released as the result of a release event.

To retrieve information from the OE/RR PATIENT EVENTS file (#100.2), follow these steps:

1. Open the CPRS Configuration (Clin Coord) menu [OR PARAM COORDINATOR MENU].

```
AL Allocate OE/RR Security Keys [ORCL KEY ALLOCATION]
KK Check for Multiple Keys [ORE KEY CHECK]
DC Edit DC Reasons [ORCL ORDER REASON]
GP GUI Parameters ... [ORW PARAM GUI]
GA GUI Access - Tabs, RPL [ORCL CPRS ACCESS]
MI Miscellaneous Parameters [OR PARAM ORDER MISC]
NO Notification Mgmt Menu ... [ORB NOT COORD MENU]
OC Order Checking Mgmt Menu ... [ORK ORDER CHK MGMT MENU]
MM Order Menu Management ... [ORCM MGMT]
LI Patient List Mgmt Menu ... [ORLP PATIENT LIST MGMT]
FP Print Formats [ORCL PRINT FORMAT]
PR Print/Report Parameters ... [OR PARAM PRINTS]
RE Release/Cancel Delayed Orders [ORC DELAYED ORDERS]
US Unsigned orders search [OR UNSIGNED ORDERS]
EX Set Unsigned Orders View on Exit [OR PARAM UNSIGNED ORDERS VIEW]
NA Search orders by Nature or Status [OR NATURE/STATUS ORDER SEARCH]
DO Event Delayed Orders Menu ... [OR DELAYED ORDERS]
PM Performance Monitor Report [OR PERFORMANCE MONITOR]
```

2. Select the Event Delayed Orders Menu by typing **DO**.

   The following menu will appear:

```
DO Delayed Orders/Auto-DC Set-up [OR DELAYED ORDERS EDITOR]
EP Parameters for event delayed orders [OR EVENT PARAMETERS]
IN Inquire to OE/RR Patient Event File [OR PATINET EVENT INQUIRY]
```

3. Select Inquire to OE/RR Patient Event File by typing **IN**.
4. Enter either the name of the release event, the name of the patient, or the patient's social security number at the *Select OE/RR PATIENT EVENT* prompt.

   The records that match the criteria you specified will appear in a numbered list.
5. If necessary, type the number of the record you would like to view.
6. Choose the output device at the *DEVICE* prompt.

   The details of the record will be sent to the appropriate device.

Creating a List of Commonly Used Release Events

The OREVNT COMMON LIST parameter allows a CAC to create a list of commonly used release events that will be displayed at the top of a users release event list.

To define a list of commonly used release events, follow these steps:

1. Open the CPRS Configuration (Clin Coord) menu [OR PARAM COORDINATOR MENU].

```
AL Allocate OE/RR Security Keys [ORCL KEY ALLOCATION]
KK Check for Multiple Keys [ORE KEY CHECK]
DC Edit DC Reasons [ORCL ORDER REASON]
GP GUI Parameters ... [ORW PARAM GUI]
GA GUI Access - Tabs, RPL [ORCL CPRS ACCESS]
MI Miscellaneous Parameters [OR PARAM ORDER MISC]
NO Notification Mgmt Menu ... [ORB NOT COORD MENU]
OC Order Checking Mgmt Menu ... [ORK ORDER CHK MGMT MENU]
MM Order Menu Management ... [ORCM MGMT]
LI Patient List Mgmt Menu ... [ORLP PATIENT LIST MGMT]
FP Print Formats [ORCL PRINT FORMAT]
PR Print/Report Parameters ... [OR PARAM PRINTS]
RE Release/Cancel Delayed Orders [ORC DELAYED ORDERS]
US Unsigned orders search [OR UNSIGNED ORDERS]
EX Set Unsigned Orders View on Exit [OR PARAM UNSIGNED ORDERS VIEW]
NA Search orders by Nature or Status [OR NATURE/STATUS ORDER SEARCH]
DO Event Delayed Orders Menu ... [OR DELAYED ORDERS]
PM Performance Monitor Report [OR PERFORMANCE MONITOR]
```

2. Select the Event Delayed Orders Menu by typing **DO**.
   The following menu will appear:

```
DO Delayed Orders/Auto-DC Set-up [OR DELAYED ORDERS EDITOR]
EP Parameters for event delayed orders [OR EVENT PARAMETERS]
IN Inquire to OE/RR Patient Event File [OR PATINET EVENT INQUIRY]
```

3. Select Parameters for event delayed orders by typing **EP**.
4. Type **3** to choose Common release event list.
5. Choose how you would like to set the OREVNT COMMON LIST parameter by typing one of the following at the *Enter Selection* prompt:
   - **1** – for user level
   - **2** – for class level
   - **3** – for team level
   - **4** – for location level
   - **5** – for service level
   - **6** – for division level
6. If you selected 1, the *Select NEW PERSON NAME* prompt will appear. If you selected 2, the *Select USR CLASS* prompt will appear. If you selected 3, the *OE/RR LIST NAME* prompt will appear. If you selected 4, the *Select HOSPITAL LOCATION NAME* prompt will appear. If you selected 5, the *Select SERVICE/SECTION NAME* prompt will appear. If you selected 6, the *Select INSTITUTION NAME* prompt will appear. Type the appropriate response.
7. At the *Select Entry Number* prompt, type a number for the entry. The number you enter is simply a placeholder and does **not** represent the position the release event will occupy in the common list. Rather, the list of commonly used release events will be displayed in alphabetical order.

8. The number you entered in step 6 will be displayed. Verify that the number is correct and press **Return**.
9. Type the name of the release event you would like to add to the common list at the *RELEASE EVEN*T prompt.
10. Repeat steps 6-8 if you would like to add additional release events to the list.
11. When you have finished adding release events to the list, press **Return** at the *RELEASE EVENT* prompt.
12. If you have not yet defined a default release event (set the OREVNT DEFAULT parameter), you will be prompted to do so.

```
Setting OREVNT COMMON LIST  for User: CPRSPROVIDER,THREE ------------
Select Entry number: 1

Entry number: 1//    1
Release Event: TRANSFER TO MEDICINE (5000)//   TRANSFER TO MEDICINE
(5000)     T
RANSFER     SALT LAKE CITY HCS
Select Entry number: 2

Entry number: 2//    2
Release Event: POST OP//   POST OP     O.R.     ELY
Select Entry number: 3

Entry number: 3//    3
Release Event: TRANSFER TO ICU//   TRANSFER TO ICU     TRANSFER
SALT LAKE CITY OIFO
```

In the example above, the Transfer to Medicine (5000), Post OP, and Transfer to ICU release events have been assigned to the list of commonly used release events for Cprsprovider,Three.

Note: A release event will only appear on the common list if it is context appropriate. For example, the release event “Transfer to Medicine” will not appear on the list if the current patient is an outpatient.

Defining a Default Release Event

The OREVNT DEFAULT parameter allows a CAC to control which event is presented as the default release event when a user writes a new event-delayed order (in both the CPRS GUI and List Manager).

Note: Before a default release event can be defined for a class, team, location, service, or division, you must define a list of commonly used release events for that level. (In other words, you must set the OREVNT DEFAULT LIST parameter.)

To define a default release event, follow these steps:

1. Open the CPRS Configuration (Clin Coord) menu [OR PARAM COORDINATOR MENU].

```
AL Allocate OE/RR Security Keys [ORCL KEY ALLOCATION]
KK Check for Multiple Keys [ORE KEY CHECK]
DC Edit DC Reasons [ORCL ORDER REASON]
GP GUI Parameters ... [ORW PARAM GUI]
GA GUI Access - Tabs, RPL [ORCL CPRS ACCESS]
MI Miscellaneous Parameters [OR PARAM ORDER MISC]
NO Notification Mgmt Menu ... [ORB NOT COORD MENU]
OC Order Checking Mgmt Menu ... [ORK ORDER CHK MGMT MENU]
MM Order Menu Management ... [ORCM MGMT]
LI Patient List Mgmt Menu ... [ORLP PATIENT LIST MGMT]
FP Print Formats [ORCL PRINT FORMAT]
PR Print/Report Parameters ... [OR PARAM PRINTS]
RE Release/Cancel Delayed Orders [ORC DELAYED ORDERS]
US Unsigned orders search [OR UNSIGNED ORDERS]
EX Set Unsigned Orders View on Exit [OR PARAM UNSIGNED ORDERS VIEW]
NA Search orders by Nature or Status [OR NATURE/STATUS ORDER SEARCH]
DO Event Delayed Orders Menu ... [OR DELAYED ORDERS]
PM Performance Monitor Report [OR PERFORMANCE MONITOR]
```

2. Select the Event Delayed Orders Menu by typing DO.

   The following menu will appear:

```
DO Delayed Orders/Auto-DC Set-up [OR DELAYED ORDERS EDITOR]
EP Parameters for event delayed orders [OR EVENT PARAMETERS]
IN Inquire to OE/RR Patient Event File [OR PATINET EVENT INQUIRY]
```

3. Select Parameters for event delayed orders by typing EP.
4. Select 2 to choose Default release event.
5. Choose how you would like to set the OREVNT DEFAULT parameter by typing one of the following at the Enter Selection prompt:
   - **1** – for user level
   - **2** – for class level
   - **3** – for team level
   - **4** – for location level
   - **5** – for service level
   - **6** – for division level

6. If you selected 1, the Select NEW PERSON NAME prompt will appear. If you selected 2, the Select USR CLASS NAME prompt will appear. If you selected 3, the Select OE/RR LIST NAME prompt will appear. If you selected 4, the Select HOSPITAL LOCATION NAME prompt will appear. If you selected 5, the Select SERVICE/SECTION prompt will appear. If you selected 6, the Select INSTITUTION NAME prompt will appear. Type the appropriate response.

   A list of available release events will appear.

```
OREVNT DEFAULT may be set for the following:
     1   User          USR    [choose from NEW PERSON]
     2   Class         CLS    [choose from USR CLASS]
     3   Team (OE/RR)  OTL    [choose from OE/RR LIST]
     4   Location      LOC    [choose from HOSPITAL LOCATION]
     5   Service       SRV    [choose from SERVICE/SECTION]
     6   Division      DIV    [choose from INSTITUTION]
```

The OREVNT DEFAULT parameter may be set at the user, class, team, location, service, or division level.

7. Type the number of the release event that you would like to set as the default.

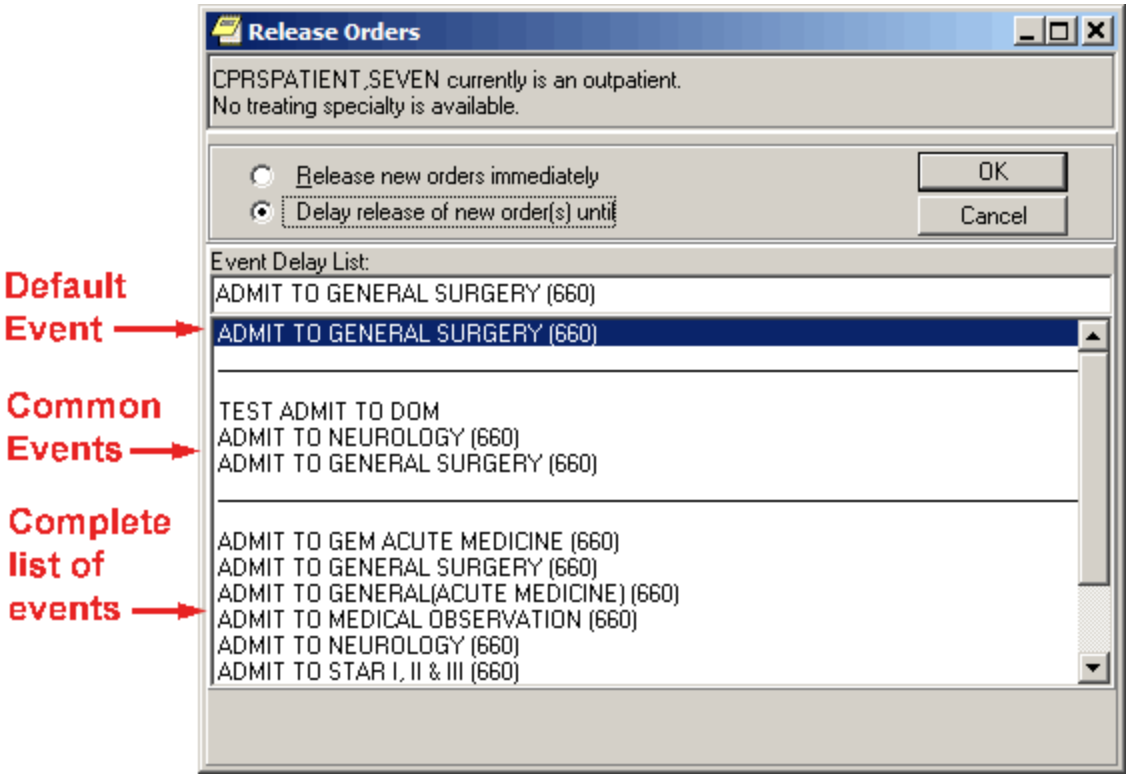
```
Enter selection: 2  Class   USR CLASS
Select USR CLASS NAME: INTERN PHYSICIAN

No DEFAULT has been set yet.

1) TRANSFER TO BLIND REHAB OBSERVATION (5000)
2) ADMIT TO GENERAL SURGERY (660)
3) POST OP (*INACTIVE*)
Select default release event:  (1-3): 2
```

In this example, the Admit to General Surgery (660) release event is set as the default event for the Intern Physician user class.

Note: When a user is writing an event-delayed order, the default release event will appear only if it is context appropriate. For example, the default release event “Transfer to Medicine” will not appear if the current patient is an outpatient.



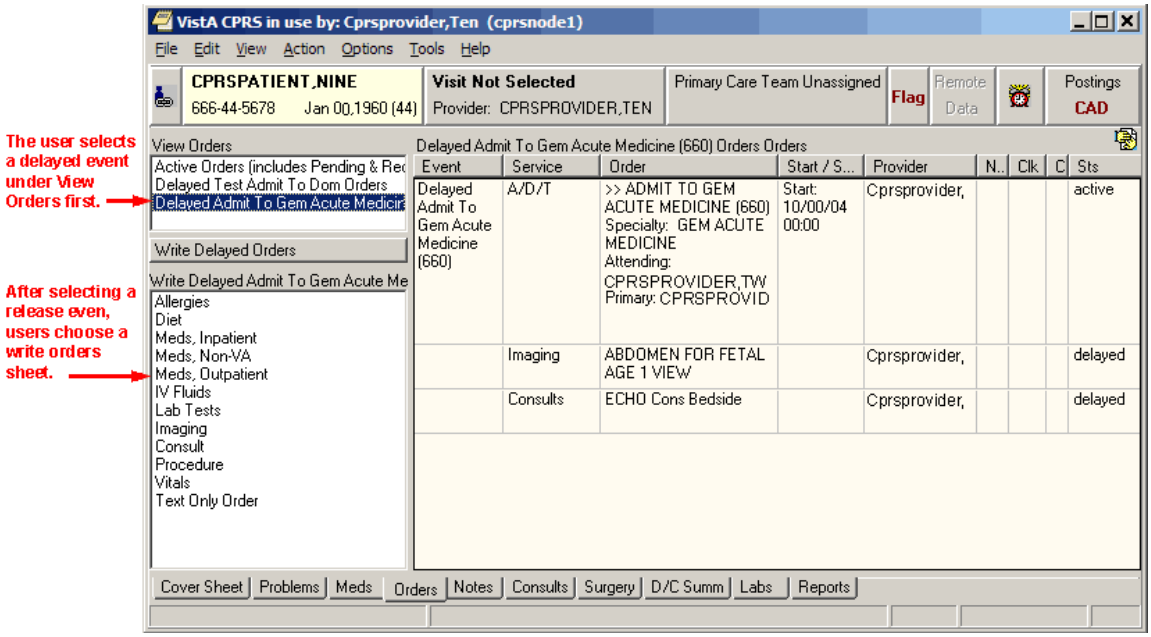
The default release event, Admit to General Surgery (660) is highlighted on the Release Orders dialog box in the CPRS GUI.

```
CPRSPATIENT,SEVEN is not currently admitted.
Delayed orders exist for CPRSPATIENT,SEVEN for the following events:
    1  ADMIT TO GENERAL SURGERY (660)
    2  DISCHARGE (5000)
    3  ADMIT TO BLIND REHAB OBSERVATION (5000)
To review or add delayed orders, select from (1-5) or enter a new
event.
Select RELEASE EVENT: TRANSFER TO GENERAL SURGERY (660)//
```

The default release event, Transfer to General Surgery (660) is automatically selected in the List Manager version of CPRS.

Defining the Orders Menu for a Release Event

You can define which orders menu appears in the Write Orders pane (in the GUI) for a particular release event. You can do this by setting the ORWDX WRITE ORDERS EVENT LIST parameter.



The ORWDX WRITE ORDERS EVENT LIST parameter determines which orders menu appears in the Write Orders pane

To set the ORWDX WRITE ORDERS EVENT LIST parameter, follow these steps:

1. Open the CPRS Configuration (Clin Coord) menu [OR PARAM COORDINATOR MENU].

```
AL Allocate OE/RR Security Keys [ORCL KEY ALLOCATION]
KK Check for Multiple Keys [ORE KEY CHECK]
DC Edit DC Reasons [ORCL ORDER REASON]
GP GUI Parameters ... [ORW PARAM GUI]
GA GUI Access - Tabs, RPL [ORCL CPRS ACCESS]
MI Miscellaneous Parameters [OR PARAM ORDER MISC]
NO Notification Mgmt Menu ... [ORB NOT COORD MENU]
OC Order Checking Mgmt Menu ... [ORK ORDER CHK MGMT MENU]
MM Order Menu Management ... [ORCM MGMT]
LI Patient List Mgmt Menu ... [ORLP PATIENT LIST MGMT]
FP Print Formats [ORCL PRINT FORMAT]
PR Print/Report Parameters ... [OR PARAM PRINTS]
RE Release/Cancel Delayed Orders [ORC DELAYED ORDERS]
US Unsigned orders search [OR UNSIGNED ORDERS]
EX Set Unsigned Orders View on Exit [OR PARAM UNSIGNED ORDERS VIEW]
NA Search orders by Nature or Status [OR NATURE/STATUS ORDER SEARCH]
DO Event Delayed Orders Menu ... [OR DELAYED ORDERS]
PM Performance Monitor Report [OR PERFORMANCE MONITOR]
```

2. Select the Event Delayed Orders Menu by typing **DO**.

   The following menu will appear:

```
DO Delayed Orders/Auto-DC Set-up [OR DELAYED ORDERS EDITOR]
EP Parameters for event delayed orders [OR EVENT PARAMETERS]
IN Inquire to OE/RR Patient Event File [OR PATINET EVENT INQUIRY]
```

3. Select Parameters for event delayed orders by typing **EP**.
4. Select Write orders list by event by typing **1**.
5. Choose how you would like to edit the ORWDX WRITE ORDERS EVENT LIST parameter by typing one of the following at the *Enter Selection* prompt:
   - 2 – for user level
   - 4 – for location level
   - 5 – for service level
   - 7 – for division level
   - 8 – for system level

6. If you selected 2, the *Select NEW PERSON NAME* prompt will appear. If you selected 4, the *Select HOSPITAL LOCATION NAME* prompt will appear. If you selected 5, the *Select SERVICE/SECTION NAME* prompt will appear. If you selected 7, the *Select INSTITUTION NAME* prompt will appear Type the appropriate response. If you selected 8, skip to step 6.
7. At the *Select Release Event* prompt, type the name of the release event.
8. Enter **Y** or **Yes** at the Are you adding [RELEASE EVENT NAME] as a new Release Event? prompt.
9. The release event you entered in step 6 will appear. Verify that this is the correct release event and hit **Return**.
10. Type the name of the order dialog or the display text at the *Value* prompt.
11. Repeat steps 6-9 for additional release events. When you are finished, press Return at the *Select Release Event* prompt.

Controlling who can Manually Release Orders

The OREVNT MANUAL RELEASE CONTROL and OREVNT MANUAL RELEASE parameters determine who can manually release an event-delayed order.

The OREVNT MANUAL RELEASE CONTROL parameter determines if the permission to manually release an event-delayed order is granted by:

- the ORES and ORELSE keys (keys only).
- the OREVNT MANUAL RELEASE parameter (manual release parameter only).
  -or-
- the ORES and ORELSE keys and the OREVNT MANUAL RELEASE parameter (both keys and parameter).

The OREVNT MANUAL RELEASE parameter must also be set if the OREVNT MANUAL RELEASE CONTROL parameter is set to "manual release parameter only" or to "both keys and parameter."

To set the OREVENT MANUAL RELEASE CONTROL parameter, follow these steps:

1. Open the CPRS Configuration (Clin Coord) menu [OR PARAM COORDINATOR MENU].

```
AL Allocate OE/RR Security Keys [ORCL KEY ALLOCATION]
KK Check for Multiple Keys [ORE KEY CHECK]
DC Edit DC Reasons [ORCL ORDER REASON]
GP GUI Parameters ... [ORW PARAM GUI]
GA GUI Access - Tabs, RPL [ORCL CPRS ACCESS]
MI Miscellaneous Parameters [OR PARAM ORDER MISC]
NO Notification Mgmt Menu ... [ORB NOT COORD MENU]
OC Order Checking Mgmt Menu ... [ORK ORDER CHK MGMT MENU]
MM Order Menu Management ... [ORCM MGMT]
LI Patient List Mgmt Menu ... [ORLP PATIENT LIST MGMT]
FP Print Formats [ORCL PRINT FORMAT]
PR Print/Report Parameters ... [OR PARAM PRINTS]
RE Release/Cancel Delayed Orders [ORC DELAYED ORDERS]
US Unsigned orders search [OR UNSIGNED ORDERS]
EX Set Unsigned Orders View on Exit [OR PARAM UNSIGNED ORDERS VIEW]
NA Search orders by Nature or Status [OR NATURE/STATUS ORDER SEARCH]
DO Event Delayed Orders Menu ... [OR DELAYED ORDERS]
PM Performance Monitor Report [OR PERFORMANCE MONITOR]
```

2. Select the Event Delayed Orders Menu by typing **DO**.

   The following menu will appear:

```
DO Delayed Orders/Auto-DC Set-up [OR DELAYED ORDERS EDITOR]
EP Parameters for event delayed orders [OR EVENT PARAMETERS]
IN Inquire to OE/RR Patient Event File [OR PATINET EVENT INQUIRY]
```

3. Select Parameters for event delayed orders by typing **EP**.

   The following menu will appear:

```
Select one of the following:
1         Write orders list by event
2         Default release event
3         Default release event list
4         Manual release controlled by
5         Set manual release parameter
```

4. Type **4** to select Manual release controlled by.
5. Choose how you would like to set the OREVNT MANUAL RELEASE CONTROL parameter by typing one of the following at the *Enter Selection* prompt:
   - **1** – for division level
   - **2** – for system level
6. If you selected 1, the *Select INSTITUTION NAME* prompt will appear. Type the appropriate response. If you selected 2, skip to step 6.
7. At the *Manual release controlled by* prompt, type one of the following responses:
   - **K (for Keys Only)**
     Use this setting if you would like only users who are assigned the ORES and ORELSE key to manually release event-delayed orders. This is the default setting and the setting that CPRS used prior to the release of patch OR*3.0*141.
   - **P (Manual Release Parameter Only)**
     Use this setting if you want the OREVNT MANUAL RELEASE parameter (discussed below) to control who can manually release an event-delayed order.
   - **B (Both Keys and Parameter)**
     If you choose this option, CPRS will first check to see if the user has the ORES or ORELSE key. If they do, they will be allowed to manually release an event-delayed order. If the user does not have the ORES or ORELSE key, CPRS will then check the OREVNT MANUAL RELEASE parameter to see if they should be allowed to manually release the order.

     Note: If you select P or B, you will also need to set the OREVNT MANUAL RELEASE parameter by following the instructions below in the Setting the Manual Release Parameter (OREVNT MANUAL RELEASE) section.

Setting the Manual Release Parameter (OREVNT MANUAL RELEASE)

Note: If the OREVNT MANUAL RELEASE CONTROL parameter is set to either P or B, users will be unable to manually release event-delayed orders until the OREVNT MANUAL RELEASE parameter is set. (It is distributed with the system level set to NO).

To set the OREVNT MANUAL RELEASE parameter, follow these steps:

1. Open the CPRS Configuration (Clin Coord) menu [OR PARAM COORDINATOR MENU].

```
AL Allocate OE/RR Security Keys [ORCL KEY ALLOCATION]
KK Check for Multiple Keys [ORE KEY CHECK]
DC Edit DC Reasons [ORCL ORDER REASON]
GP GUI Parameters ... [ORW PARAM GUI]
GA GUI Access - Tabs, RPL [ORCL CPRS ACCESS]
MI Miscellaneous Parameters [OR PARAM ORDER MISC]
NO Notification Mgmt Menu ... [ORB NOT COORD MENU]
OC Order Checking Mgmt Menu ... [ORK ORDER CHK MGMT MENU]
MM Order Menu Management ... [ORCM MGMT]
LI Patient List Mgmt Menu ... [ORLP PATIENT LIST MGMT]
```

```
FP Print Formats [ORCL PRINT FORMAT]
PR Print/Report Parameters ... [OR PARAM PRINTS]
RE Release/Cancel Delayed Orders [ORC DELAYED ORDERS]
US Unsigned orders search [OR UNSIGNED ORDERS]
EX Set Unsigned Orders View on Exit [OR PARAM UNSIGNED ORDERS VIEW]
NA Search orders by Nature or Status [OR NATURE/STATUS ORDER SEARCH]
DO Event Delayed Orders Menu ... [OR DELAYED ORDERS]
PM Performance Monitor Report [OR PERFORMANCE MONITOR]
```

2. Select the Event Delayed Orders Menu by typing **DO**.

   The following menu will appear:

```
DO Delayed Orders/Auto-DC Set-up [OR DELAYED ORDERS EDITOR]
EP Parameters for event delayed orders [OR EVENT PARAMETERS]
IN Inquire to OE/RR Patient Event File [OR PATINET EVENT INQUIRY]
```

3. Select Parameters for event delayed orders by typing **EP**.

   The following menu will appear:

```
Select one of the following:
1         Write orders list by event
2         Default release event
3         Default release event list
4         Manual release controlled by
5         Set manual release parameter
```

4. Type **5** to select Set manual release parameter.
5. Choose how you would like to edit the manual release parameter (OREVNT MANUAL RELEASE) by typing one of the following at the *Enter Selection* prompt:
   - **1** – for user level
   - **2** – for class level
   - **3** – for team level
   - **4** – for location level
   - **5** – for service level
   - **6** – for division level
   - **7** – for system level
6. If you selected 1, the *Select NEW PERSON NAME* prompt will appear. If you selected 2, the *Select USR CLASS NAME* prompt will appear. If you selected 3, the *Select OE/RR LIST NAME* prompt will appear. If you selected 4, the *Select HOSPITAL LOCATION NAME* prompt will appear. If you selected 5, the *Select SERVICE/SECTION NAME* prompt will appear. If you selected 6, the *Select INSTITUTION NAME* prompt will appear. If you selected 7, skip to step 6.
7. At the *Allow manual release prompt*, type **Y** (yes) to allow users to manually release event-delayed orders or type **N** (no) to prevent users from manually releasing event-delayed orders.

Excluding Display Groups from the *Copy Active Orders* Dialog Box

The OREVNT EXCLUDE DGRP parameter allows you to prevent orders that belong to certain display groups from appearing on the *Copy Active Orders* dialog box.

To set the OREVNT EXCLUDE DGRP parameter, follow these steps:

1. Open the CPRS Configuration (Clin Coord) menu [OR PARAM COORDINATOR MENU].

```
AL Allocate OE/RR Security Keys [ORCL KEY ALLOCATION]
KK Check for Multiple Keys [ORE KEY CHECK]
DC Edit DC Reasons [ORCL ORDER REASON]
GP GUI Parameters ... [ORW PARAM GUI]
GA GUI Access - Tabs, RPL [ORCL CPRS ACCESS]
MI Miscellaneous Parameters [OR PARAM ORDER MISC]
NO Notification Mgmt Menu ... [ORB NOT COORD MENU]
OC Order Checking Mgmt Menu ... [ORK ORDER CHK MGMT MENU]
MM Order Menu Management ... [ORCM MGMT]
LI Patient List Mgmt Menu ... [ORLP PATIENT LIST MGMT]
FP Print Formats [ORCL PRINT FORMAT]
PR Print/Report Parameters ... [OR PARAM PRINTS]
RE Release/Cancel Delayed Orders [ORC DELAYED ORDERS]
US Unsigned orders search [OR UNSIGNED ORDERS]
EX Set Unsigned Orders View on Exit [OR PARAM UNSIGNED ORDERS VIEW]
NA Search orders by Nature or Status [OR NATURE/STATUS ORDER SEARCH]
DO Event Delayed Orders Menu ... [OR DELAYED ORDERS]
PM Performance Monitor Report [OR PERFORMANCE MONITOR]
```

2. Select the Event Delayed Orders Menu by typing **DO**.

   The following menu will appear:

```
DO Delayed Orders/Auto-DC Set-up [OR DELAYED ORDERS EDITOR]
EP Parameters for event delayed orders [OR EVENT PARAMETERS]
IN Inquire to OE/RR Patient Event File [OR PATINET EVENT INQUIRY]
```

3. Select Parameters for event delayed orders by typing **EP**.

   The following menu will appear:

```
Select one of the following:
1         Write orders list by event
2         Default release event
3         Default release event list
4         Manual release controlled by
5         Set manual release parameter
6         Exclude display groups from copy
```

4. Type **6** to select Exclude display groups from copy.
5. Choose how you would like to edit the OREVNT EXCLUDE RELEASE parameter by typing one of the following at the *Enter Selection* prompt:

- **1** – for division level
- **2** – for system level

6. If you selected 1, the *Select INSTITUTION NAME* prompt will appear. Enter the name for the institution. If you selected 2, continue to step 6.

7. At the *Select Entry Number* prompt, type a number for the entry. The number you enter is simply a placeholder.
8. If necessary, type **Y** or **Yes** at the Are you adding [number] as a new Entry Number?
9. The number you entered in step 6 will appear. Press **Return**.
10. Select the display group that you wish to exclude from the *Copy Active Orders* dialog.

Changing the Display

The change display function allows you to adjust the size of the Delayed Orders / Auto-DC Set-up editor and configure the display to show active entries, inactive entries, or all entries.

To change the size or content of the display, follow these steps:

1. Open the CPRS Configuration (Clin Coord) menu [OR PARAM COORDINATOR MENU].

```
AL Allocate OE/RR Security Keys [ORCL KEY ALLOCATION]
KK Check for Multiple Keys [ORE KEY CHECK]
DC Edit DC Reasons [ORCL ORDER REASON]
GP GUI Parameters ... [ORW PARAM GUI]
GA GUI Access - Tabs, RPL [ORCL CPRS ACCESS]
MI Miscellaneous Parameters [OR PARAM ORDER MISC]
NO Notification Mgmt Menu ... [ORB NOT COORD MENU]
OC Order Checking Mgmt Menu ... [ORK ORDER CHK MGMT MENU]
MM Order Menu Management ... [ORCM MGMT]
LI Patient List Mgmt Menu ... [ORLP PATIENT LIST MGMT]
FP Print Formats [ORCL PRINT FORMAT]
PR Print/Report Parameters ... [OR PARAM PRINTS]
RE Release/Cancel Delayed Orders [ORC DELAYED ORDERS]
US Unsigned orders search [OR UNSIGNED ORDERS]
EX Set Unsigned Orders View on Exit [OR PARAM UNSIGNED ORDERS VIEW]
NA Search orders by Nature or Status [OR NATURE/STATUS ORDER SEARCH]
DO Event Delayed Orders Menu ... [OR DELAYED ORDERS]
PM Performance Monitor Report [OR PERFORMANCE MONITOR]
```

2. Select the Event Delayed Orders Menu by typing DO.

   The following menu will appear:

```
DO Delayed Orders/Auto-DC Set-up [OR DELAYED ORDERS EDITOR]
EP Parameters for event delayed orders [OR EVENT PARAMETERS]
IN Inquire to OE/RR Patient Event File [OR PATINET EVENT INQUIRY]
```

3. Select Delayed Orders/Auto-DC Set-up by typing DO.
4. Select either Auto-DC rules or Release Events by typing either 1 or 2.
5. Select Change display by typing CD.
6. Type Y or N at the Do you want to truncate/expand this display? prompt.
7. Type Y or N at the Terminal emulator in 80-column mode? prompt.

8. At the Select which entries should appear on the list prompt type one of the following numbers:

   - **1** for active entries only
   - **2** for inactive entries only
   - **3** for all entries

   The orders that you specified will be displayed.

Files Associated with Release Events

This file contains the locally-defined events that can release delayed orders within each division. It is strongly recommended that this file not be edited with File Manager. Instead, CACs should use the event-delayed orders menu [OR DELAYED ORDERS]

Fields in OE/RR RELEASE EVENTS (#100.5)		
Field Number	**Field Name**	**Description**
.1	SHORT NAME	This field contains a shorter version of the Display Text field. The Short Name is used to display and group delayed orders on the Orders tab when space is limited.
1	INACTIVATED	This field contains the date and time that this release event will become inactive. Once this date/time has passed, you will no longer be able to delay new orders to this release event. However, any event-delayed orders that are already associated with this release event will still be released when the event occurs.
,1.5	ACTIVATION HISTORY	
100.52, .01	ACTIVATION DATE/TIME	The date/time that this event was activated.
100.52 ,1	INACTIVATION DATE/TIME	The date/time that this event was inactivated.
2	TYPE OF EVENT	This is the event that should cause delayed orders to be released to the service(s) for action. for OR events, the orders will be released when the TIME PAT IN OR field is entered in the Surgery package. Orders delayed for Manual Release will not be automatically released by CPRS at all and can only be released via the "Release to Service" action by a user holding the ORES or ORELSE key.
3	DIVISION	This is the division that this event will apply to. For transfers across divisions, this field should be the new division that the patient is going to.
4	EVENT ORDER DIALOG	This field contains the name of the dialog that will appear when you are writing a generic event-delayed order that requests this release event. If such an order is not necessary for this event, leave this field empty. Unlike other delayed orders, the order created by this dialog will become active right away when signed and

		be visible on the Active Orders view as well as with the delayed orders on the Orders tab.
5	ORDER SET/MENU	This is a menu or order set containing items that are either necessary or commonly ordered when this event occurs. The menu or order specified in this field will be invoked when first placing delayed orders for this event. If an EVENT ORDER DIALOG was defined for this event, this order set/menu will be presented to the user immediately following that dialog. This field may be any type of order dialog except prompt types. **Note**: Order sets listed in this field should be part of an order menu.
6	LAPSE IN #DAYS	Patient events are evaluated whenever delayed orders are acted upon or viewed. If the number of days specified in this field have passed since delayed orders were entered for this event and for this patient, then the status of all orders delayed for this event will be changed to "lapsed" and the patient event itself will be terminated. The orders can no longer be released to the service.
7	MAS MOVEMENT TYPE	This is an MAS Movement Type that can further define this event. This field is optional, but if it is defined then it must match the patient's movement data to satisfy the event and cause any delayed orders to be released. For example, to have delayed orders released when a patient returns from pass, enter the movement type of AUTH ABSENCE 96 HOURS OR LESS, or leave this field empty to have the transfer event defined by other criteria such as treating specialty or ward location.
8	DISPLAY TEXT	This field is the name of the event as it will appear to the user in CPRS.
9	ORDERING PARAMETERS LOCATION	Many order dialogs use parameters that depend on location. The location specified in the Ordering Parameters Location field is used as the default location for retrieving those parameter values when delaying orders to this event. The patient's actual location will be saved with the order at the time of its release.

10	INCLUDED TREATING SPECIALTIES	The treating specialties in this field are the treating specialties that can satisfy this event. If the patient's new specialty matches a specialty in this field, then orders delayed for this event may be released.
100.51,.01	INCLUDED TREATING SPECIALTIES	This is a treating specialty that can satisfy this event. If the treating specialty is defined, then the patient's new specialty must match one in this list in order for any delayed orders to be released. A specialty may only be included in one active release event at a time. If locations are also defined for this event then both the treating specialty and the location must match for orders to be released.
11	INCLUDED LOCATIONS	These are ward locations that can satisfy this event. If the patient's new location matches a location in this list, then orders delayed for this event may be released.
100.511,.01	INCLUDED LOCATIONS	This is a ward location that can satisfy this event. If defined, then the patient's new location must match a location in this list for any delayed orders to be released. A location may only be included in one active release event at a time. If this event also has treating specialties defined, then both the location and the treating specialty must match for orders to be released.
12	EDIT HISTORY	
100.512,.01	EDIT HISTORY	This field tracks when an event was added. It also tracks when the edit options were used on this event.
100.512,1	WHO ENTERED/EDITED	This field identifies the person who entered or edited the release event.
13	COPY ACTIVE ORDERS	This field determines whether or not the user is presented with a list of patient’s active orders, which may be copied to the new release event. If this field is set to **no** then the user will not see the patient's active orders and will not be allowed to copy any current orders. If this field is set to **yes** then the user will see the patient's active orders and may select orders to copy to the to the release event. The list of active orders will be presented to the user after the ORDER DIALOG for the release event is processed (if it exists) and before the ORDER SET/MENU for the release event is processed (if it exists).

Automatically Discontinuing Orders (Auto-DC Rules)

A CAC can set up rules that will automatically discontinue an order when a specific event occurs. These rules are known as auto-DC rules. For example, a CAC can set up an auto-DC rule named "Transfer to Medicine Treating Specialty" that automatically discontinues all lab, pharmacy, and diet orders when a patient is transferred to a medicine treating specialty. Although the auto-DC rule will discontinue lab, pharmacy, and diet orders, all other orders will remain active. A number of variables can be used in auto-DC rules, including specific divisions, orderable items, locations, and MAS movement types.

Prior to the release of OR*3*142 and OR*3*141, you could not specify which orders would be automatically discontinued when the specified event occurred. Instead, all of the orders would be discontinued.

Note: OR*3.0*142 changes the way auto-DC rules are created and processed. After OR*3.0*142 is installed, existing auto-DC parameters will be converted into entries in the OE/RR Auto-DC Rules file (#100.6). The entries in the OE/RR Auto-DC Rules are for your division. Multidivisional sites will need to make copies of these rues for the other divisions in the system.

Creating a New Auto-DC Rule

Note: Auto-DC rules are stored in the OE/RR AUTO-DC RULES file (#100.6)

To create a new auto-DC rule, follow these steps:

1. Open the CPRS Configuration (Clin Coord) menu [OR PARAM COORDINATOR MENU].

```
AL Allocate OE/RR Security Keys [ORCL KEY ALLOCATION]
KK Check for Multiple Keys [ORE KEY CHECK]
DC Edit DC Reasons [ORCL ORDER REASON]
GP GUI Parameters ... [ORW PARAM GUI]
GA GUI Access - Tabs, RPL [ORCL CPRS ACCESS]
MI Miscellaneous Parameters [OR PARAM ORDER MISC]
NO Notification Mgmt Menu ... [ORB NOT COORD MENU]
OC Order Checking Mgmt Menu ... [ORK ORDER CHK MGMT MENU]
MM Order Menu Management ... [ORCM MGMT]
LI Patient List Mgmt Menu ... [ORLP PATIENT LIST MGMT]
FP Print Formats [ORCL PRINT FORMAT]
PR Print/Report Parameters ... [OR PARAM PRINTS]
RE Release/Cancel Delayed Orders [ORC DELAYED ORDERS]
US Unsigned orders search [OR UNSIGNED ORDERS]
EX Set Unsigned Orders View on Exit [OR PARAM UNSIGNED ORDERS VIEW]
NA Search orders by Nature or Status [OR NATURE/STATUS ORDER SEARCH]
DO Event Delayed Orders Menu ... [OR DELAYED ORDERS]
PM Performance Monitor Report [OR PERFORMANCE MONITOR]
```

2. Select the Event Delayed Orders Menu by typing DO.

   The following menu will appear:

```
DO Delayed Orders/Auto-DC Set-up [OR DELAYED ORDERS EDITOR]
EP Parameters for event delayed orders [OR EVENT PARAMETERS]
IN Inquire to OE/RR Patient Event File [OR PATINET EVENT INQUIRY]
```

3. Select Delayed Orders/Auto-DC Set-up by typing DO.

4. Type 1.

   The existing auto-DC rules will appear.

5. Select Add/Edit by typing AE.
6. Press Return at the Select item(s) prompt.
7. Type a name for the new rule at the Select OE/RR AUTO-DC RULES NAME prompt.

Note: The name should uniquely identify the rule. This is especially important at multidivisional sites.

8. Type Y or Yes at the Are you adding [rule name] as a new OE/RR AUTO-DC RULES? prompt.
9. Enter one of the following letters at the OE/RR AUTO-DC RULES TYPE OF EVENT prompt:
   - **A** for an admission event.
   - **T** for a transfer event.
   - **D** for a discharge event.
   - **S** for a specialty transfer event.
   - **O** for an O.R. event.

Note: Patch SR*3.0*110 is required to create O.R. rules.

10. Enter the division that this auto-dc rule will apply to at the OE/RR AUTO-DC RULES DIVISION prompt.
    - For admission rules, enter the admitting location.
    - For discharge rules, enter the location the patient will be discharged from.
    - For O.R. rules, enter the location where the patient will have the procedure.
    - For transfer and specialty transfer events the division reflects the receiving location.

11. Enter Y or N at the Do you want to copy from an existing entry? prompt.
12. You will be prompted to enter additional required information. Once you have entered all the required information, the You have now entered the required fields and may ^ to exit prompt will appear. If you do not wish to further define this auto-DC rule, type ^ to exit. If you would like to enter additional information, please refer to the Explanation of Auto-DC Rules Prompts (fields in the OE/RR AUTO-DC RULES file #100.6) topic.

Note: You can also create a new auto-DC rule from the detailed display screen.

Note: New auto-DC rules are inactive by default and must be activated by following the steps in Activating/Inactivating an Auto-DC rule before they are used.

Explanation of Auto-DC Rules Prompts (fields in the OE/RR AUTO-DC RULES FILE #100.6)

The list below explains the additional prompts (fields) that you may encounter when entering a new auto-DC rule:

- *Display Text* – The name of the auto-DC rule as it will appear to CPRS users.
- *Division* – The division that the auto-DC rule will apply to.
  - For admission rules, the division reflects the admitting location.
  - For discharge rules, the division reflects the location the patient is discharged from.
  - For O.R. rules, the division reflects the location where the patient is having the procedure.
  - For transfer and specialty transfer events, the division reflects the receiving location.

- *DC Reason* – The reason that this auto-DC rule will discontinue an order.
- *Excluded Display Groups* – The groups of orders (often subsets of the included packages) that are exceptions to this rule (should not cause the order to be discontinued).
- *Excluded Treating Specialties* – The specific sending and receiving specialties that are exceptions to the rule (should not cause an order to be discontinued). This prompt (field) is specific to specialty transfer events.
- *Except for Orderable Item* – An orderable item that is an exception to the rule (should not cause an order to be discontinued).
- *Except from Observation* –The field indicates whether a patient leaving an observation treating specialty should be an exception to this rule. This field is only used in discharge rules.
  This field can be set in the following ways:
  - **Yes** – if you set the field to yes, a discharge from an observation treating specialty will always be an exception to this rule (should not cause an order to be discontinued).
  - **No** – if you set this field to no, this rule will be applied regardless of whether the patient is discharged from an observation treating specialty.
  - **If Readmitting** – If you set this field to If Readmitting, the user will be prompted to enter whether the patient will be immediately readmitted. If the user answers yes, the order will not be automatically discontinued. If the user answers no, the rule will be applied.

- *Inactivated* – After the date/time listed in this field, the rule will no longer be applied.
- *Included Divisions* – For multidivisional sites, the specific sending divisions that are included in this rule.
- *Included Locations* – The specific sending and receiving wards that the auto-DC rule will apply to. This prompt (field) is only used with transfer events (no specialty change).
- *MAS Movement Type* – The MAS movement type that will trigger the auto-DC rule.
  For a specialty transfer rule, the only movement type allowed is “Provider Specialty Change”. However, any transfer that includes a specialty change will trigger this rule, even if another movement type is entered.

- *Type of Event* – The type of event that will trigger the auto-DC rule. The value of this field can be A (admission event), T (transfer event), D (discharge event), S (specialty transfer event), or O (O.R event).
- *Type of Orders to DC* – Orders generated by the VistA package specified in this field will be discontinued.

Sample Rules

Sample Admission Rule

```
Detailed Display              Dec 00, 2004@00:00:00      Page:    1 of  1
Name:                          ADMISSION
Inactivated:
Type of event:                 ADMISSION
Admit to division:             SUPPORT ISC
Dc reason:                     Admit
Display text:                  ADMISSION

Movement Types:
AMBULATORY CARE (OPT-AC)
TRANSFER IN
DIRECT
READMISSION TO IMLTC/NHCU/DOMICILIARY
NON-SERVICE CONNECTED (OPT-NSC)
PRE-BED CARE (OPT-PBC)
NON-VETERAN (OPT-NVE)
WAITING LIST
OPT-SC

Included Packages:
ORDER ENTRY/RESULTS REPORTING
```

Sample Discharge Rule

```
Detailed Display              Dec 00, 2004@00:00:00         Page:  1 of 2
Name:                          DISCHARGE
Inactivated:
Type of event:                 DISCHARGE
Discharge from division:       SALT LAKE CITY
Dc reason:                     Discharge
Display text:                  DISCHARGE
Except from observation:

Movement Types:
TRANSFER OUT
NON-SERVICE CONNECTED (OPT-NSC)
REGULAR
IRREGULAR
OPT-SC
NON-BED CARE
TO IMLTC/NHCU FROM HOSP
TO DOM FROM HOSP
TO IMLTC/NHCU FROM DOM
DISCHARGE TO CNH
VA IMLTC/NHCU TO CNH
```

The *Except from observation* field is specific to discharge auto-DC rules.

Sample Discharge/Death Rule

```
Detailed Display              Dec 27, 2004@17:28:09    Page:  1 of  2
Name:                          DEATH
Inactivated:
Type of event:                 DISCHARGE
Discharge from division:       SUPPORT ISC
Dc reason:                     Death
Display text:                  DEATH

Movement Types:
DEATH
DEATH WITH AUTOPSY

Included Packages:
ORDER ENTRY/RESULTS REPORTING
DIETETICS
CONSULT/REQUEST TRACKING
RADIOLOGY/NUCLEAR MEDICINE

Activation History:
Activated: Jul 00, 2002@00:00:00  Inactivated:
```

You can enter death and death with autopsy movement types for discharge/death rules.

Sample Specialty Change Rule

```
Detailed Display              Dec 00, 2004@00:00:00     Page:   1 of  1
Name:                          SPECIALTY CHANGE
Inactivated:
Type of event:                 SPECIALTY TRANSFER
Tr sp change within division: SALT LAKE CITY
Dc reason:                     Treating Specialty Change
Display text:                  SPECIALTY CHANGE

Movement Types:
PROVIDER/SPECIALTY CHANGE

Included Packages:
ORDER ENTRY/RESULTS REPORTING

Activation History:
Activated: Dec 00, 2002@00:00:00  Inactivated:

Add/Edit History:
Added on Jul 00, 2002@00:00:00 by CPRSPROVIDER,THREE
Edited on Dec 00, 2002@00:00:00 by GNPROVIDER,TWO
```

A Specialty change rule

Sample Transfer Rule: On PASS

```
Detailed Display              Dec 00, 2004@00:00:00          Page: 1 of 1
Name:                          ON PASS
Inactivated:                   JUL 00, 2002@00:00:00
Type of event:                 TRANSFER
Trans to/within division:      SUPPORT ISC
Dc reason:                     Pass
Display text:                  ON PASS

Movement Types:
AUTH ABSENCE 96 HOURS OR LESS
AUTHORIZED ABSENCE
UNAUTHORIZED ABSENCE

Add/Edit History:
Added on Jul 00, 2002@00:00:00 by CPRSPROVIDER,TEN
```

Note the movement types and the lack of included locations or divisions. Also notice the add/edit history

Sample Transfer Rule: ASIH

```
Detailed Display              Dec 00, 2004@00:00:00     Page: 1 of 1
Name:                          FROM ASIH
Inactivated:                   JUL 00, 2002@00:00:00
Type of event:                 TRANSFER
Trans to/within division:      SUPPORT ISC
Dc reason:                     ASIH
Display text:                  FROM ASIH
Except from observation:

Movement Types:
FROM ASIH (VAH)

Add/Edit History:
Added on Jul 00, 2002@00:00:00 by CPRSPROVIDER,TEN
```

A sample ASIH transfer rule

Sample O.R. Rule

```
Detailed Display              Dec 00, 2004@00:00:00       Page:  1 of  1
Name:                          SURGERY
Inactivated:                   JUL 00, 2002@00:00:00
Type of event:                 O.R.
Surgery within division:       SUPPORT ISC
Dc reason:                     Surgery
Display text:                  SURGERY

Included Packages:
ORDER ENTRY/RESULTS REPORTING

Add/Edit History:
Added on Jul 00, 2002@00:00:00 by CPRSPROVIDER,TEN
```

A sample O.R. rule

Activating/Inactivating an Auto-DC Rule

To activate/inactivate an auto-DC rule, follow these steps:

1. Open the CPRS Configuration (Clin Coord) menu [OR PARAM COORDINATOR MENU].

```
AL Allocate OE/RR Security Keys [ORCL KEY ALLOCATION]
KK Check for Multiple Keys [ORE KEY CHECK]
DC Edit DC Reasons [ORCL ORDER REASON]
GP GUI Parameters ... [ORW PARAM GUI]
GA GUI Access - Tabs, RPL [ORCL CPRS ACCESS]
MI Miscellaneous Parameters [OR PARAM ORDER MISC]
NO Notification Mgmt Menu ... [ORB NOT COORD MENU]
OC Order Checking Mgmt Menu ... [ORK ORDER CHK MGMT MENU]
MM Order Menu Management ... [ORCM MGMT]
LI Patient List Mgmt Menu ... [ORLP PATIENT LIST MGMT]
FP Print Formats [ORCL PRINT FORMAT]
PR Print/Report Parameters ... [OR PARAM PRINTS]
RE Release/Cancel Delayed Orders [ORC DELAYED ORDERS]
US Unsigned orders search [OR UNSIGNED ORDERS]
EX Set Unsigned Orders View on Exit [OR PARAM UNSIGNED ORDERS VIEW]
NA Search orders by Nature or Status [OR NATURE/STATUS ORDER SEARCH]
DO Event Delayed Orders Menu ... [OR DELAYED ORDERS]
PM Performance Monitor Report [OR PERFORMANCE MONITOR]
```

2. Select the Event Delayed Orders Menu by typing **DO**.

   The following menu will appear:

```
DO Delayed Orders/Auto-DC Set-up [OR DELAYED ORDERS EDITOR]
EP Parameters for event delayed orders [OR EVENT PARAMETERS]
IN Inquire to OE/RR Patient Event File [OR PATINET EVENT INQUIRY]
```

3. Select Delayed Orders/Auto-DC Set-up by typing **DO**.
4. Type **1** to select Auto-DC Rules.

   The available auto-DC rules will appear in a numbered list.
5. Select Activate/Inactivate by typing **AI**.
6. Type the number of the rule you would like to activate/inactivate at the Select item(s) prompt.
7. The computer will display a message asking you if you are sure you want to activate/inactivate this auto-DC rule. Type the appropriate response.

Note: You can also activate/inactivate an auto-DC rule from the detailed display screen.

Editing an Auto-DC Rule

To edit an auto-DC rule, follow these steps:

1. Open the CPRS Configuration (Clin Coord) menu [OR PARAM COORDINATOR MENU].

```
AL Allocate OE/RR Security Keys [ORCL KEY ALLOCATION]
KK Check for Multiple Keys [ORE KEY CHECK]
DC Edit DC Reasons [ORCL ORDER REASON]
GP GUI Parameters ... [ORW PARAM GUI]
GA GUI Access - Tabs, RPL [ORCL CPRS ACCESS]
MI Miscellaneous Parameters [OR PARAM ORDER MISC]
NO Notification Mgmt Menu ... [ORB NOT COORD MENU]
OC Order Checking Mgmt Menu ... [ORK ORDER CHK MGMT MENU]
MM Order Menu Management ... [ORCM MGMT]
LI Patient List Mgmt Menu ... [ORLP PATIENT LIST MGMT]
FP Print Formats [ORCL PRINT FORMAT]
PR Print/Report Parameters ... [OR PARAM PRINTS]
RE Release/Cancel Delayed Orders [ORC DELAYED ORDERS]
US Unsigned orders search [OR UNSIGNED ORDERS]
EX Set Unsigned Orders View on Exit [OR PARAM UNSIGNED ORDERS VIEW]
NA Search orders by Nature or Status [OR NATURE/STATUS ORDER SEARCH]
DO Event Delayed Orders Menu ... [OR DELAYED ORDERS]
PM Performance Monitor Report [OR PERFORMANCE MONITOR]
```

2. Select the Event Delayed Orders Menu by typing **DO**.

   The following menu will appear:

```
DO Delayed Orders/Auto-DC Set-up [OR DELAYED ORDERS EDITOR]
EP Parameters for event delayed orders [OR EVENT PARAMETERS]
IN Inquire to OE/RR Patient Event File [OR PATINET EVENT INQUIRY]
```

3. Select Delayed Orders/Auto-DC Set-up by typing **DO**.
4. Type **1** to select Auto-DC Rules

   The available auto-DC rules will appear in a numbered list.
5. Select Add/Edit by typing **AE**.
6. Type the number of the rule that you wish to edit at the *Select item(s)* prompt.
7. The content of each of the rule's fields will be displayed. You can either change the contents of the field, or press Return to advance to the next field. Press ^ to exit.

Note: You can also add or release an existing auto-DC rule from the detailed display screen.

Viewing Details of an Auto-DC Rule

To view details of an auto-DC rule, follow these steps:

1. Open the CPRS Configuration (Clin Coord) menu [OR PARAM COORDINATOR MENU].

```
AL Allocate OE/RR Security Keys [ORCL KEY ALLOCATION]
KK Check for Multiple Keys [ORE KEY CHECK]
DC Edit DC Reasons [ORCL ORDER REASON]
GP GUI Parameters ... [ORW PARAM GUI]
GA GUI Access - Tabs, RPL [ORCL CPRS ACCESS]
MI Miscellaneous Parameters [OR PARAM ORDER MISC]
NO Notification Mgmt Menu ... [ORB NOT COORD MENU]
OC Order Checking Mgmt Menu ... [ORK ORDER CHK MGMT MENU]
MM Order Menu Management ... [ORCM MGMT]
LI Patient List Mgmt Menu ... [ORLP PATIENT LIST MGMT]
FP Print Formats [ORCL PRINT FORMAT]
PR Print/Report Parameters ... [OR PARAM PRINTS]
RE Release/Cancel Delayed Orders [ORC DELAYED ORDERS]
US Unsigned orders search [OR UNSIGNED ORDERS]
EX Set Unsigned Orders View on Exit [OR PARAM UNSIGNED ORDERS VIEW]
NA Search orders by Nature or Status [OR NATURE/STATUS ORDER SEARCH]
DO Event Delayed Orders Menu ... [OR DELAYED ORDERS]
PM Performance Monitor Report [OR PERFORMANCE MONITOR]
```

2. Select the Event Delayed Orders Menu by typing **DO**.

   The following menu will appear:

```
DO Delayed Orders/Auto-DC Set-up [OR DELAYED ORDERS EDITOR]
EP Parameters for event delayed orders [OR EVENT PARAMETERS]
IN Inquire to OE/RR Patient Event File [OR PATINET EVENT INQUIRY]
```

3. Select Delayed Orders/Auto-DC Set-up by typing **DO**.
4. Select Auto-DC Rules by typing **1**.

   A numbered list of the current auto-DC rules will appear.

5. Choose Detailed Display by typing **DD**.

6. Enter the number of the rule you wish to view at the Select item(s) prompt.

   A detailed display of the event or rule will appear.

```
Detailed Display             Dec 00, 2004@00:00:00
Name:                         DISCHARGE
Inactivated:
Type of event:                DISCHARGE
Discharge from division:      SALT LAKE CITY
Dc reason:                    Discharge
Display text:                 DISCHARGE
Except from observation:

Movement Types:
TRANSFER OUT
NON-SERVICE CONNECTED (OPT-NSC)
REGULAR
IRREGULAR
OPT-SC
NON-BED CARE
TO IMLTC/NHCU FROM HOSP
TO DOM FROM HOSP
TO IMLTC/NHCU FROM DOM
DISCHARGE TO CNH
VA IMLTC/NHCU TO CNH
NON-VETERAN
WHILE ASIH
CONTINUED ASIH (OTHER FACILITY)
DISCHARGE FROM IMLTC/NHCU/DOM WHILE ASIH

Included Packages:
ORDER ENTRY/RESULTS REPORTING
DIETETICS
```

The detailed display screen

Audit and Activation History

The audit and activation histories on the detailed display can be toggled on or off depending on your preferences.

To toggle the audit and activation histories on or off, follow these steps:

1. Open the CPRS Configuration (Clin Coord) menu [OR PARAM COORDINATOR MENU].

```
AL Allocate OE/RR Security Keys [ORCL KEY ALLOCATION]
KK Check for Multiple Keys [ORE KEY CHECK]
DC Edit DC Reasons [ORCL ORDER REASON]
GP GUI Parameters ... [ORW PARAM GUI]
GA GUI Access - Tabs, RPL [ORCL CPRS ACCESS]
MI Miscellaneous Parameters [OR PARAM ORDER MISC]
NO Notification Mgmt Menu ... [ORB NOT COORD MENU]
OC Order Checking Mgmt Menu ... [ORK ORDER CHK MGMT MENU]
MM Order Menu Management ... [ORCM MGMT]
LI Patient List Mgmt Menu ... [ORLP PATIENT LIST MGMT]
FP Print Formats [ORCL PRINT FORMAT]
PR Print/Report Parameters ... [OR PARAM PRINTS]
RE Release/Cancel Delayed Orders [ORC DELAYED ORDERS]
US Unsigned orders search [OR UNSIGNED ORDERS]
EX Set Unsigned Orders View on Exit [OR PARAM UNSIGNED ORDERS VIEW]
NA Search orders by Nature or Status [OR NATURE/STATUS ORDER SEARCH]
DO Event Delayed Orders Menu ... [OR DELAYED ORDERS]
PM Performance Monitor Report [OR PERFORMANCE MONITOR]
```

2. Select the Event Delayed Orders Menu by typing **DO**.

   The following menu will appear:

```
DO Delayed Orders/Auto-DC Set-up [OR DELAYED ORDERS EDITOR]
EP Parameters for event delayed orders [OR EVENT PARAMETERS]
IN Inquire to OE/RR Patient Event File [OR PATINET EVENT INQUIRY]
```

3. Select Delayed Orders/Auto-DC Set-up by typing **DO**.

   The following menu will appear:

```
Select one of the following:

1. Auto-DC Rules
2. Release Events
Enter response:
```

4. Type **1** to select Auto-DC Rules or **2** to select Release Events.
5. Type **DD** to select Detailed Display.
6. At the *Select item(s)* prompt, type the number of the release event or auto-DC rule that you would like to display.

   A detailed display of the release event or auto-DC rule will appear.
7. Type **H** to select Add/Remove Histories.
8. At the *Do you want to include them on the detailed display?* prompt, type **Y** to include the audit and activation histories on the detailed display. Type **N** if you do not wish to display the audit and activation histories.

Changing the Display

The change display function allows you to adjust the size of the Delayed Orders / Auto-DC Set-up editor and configure the display to show active entries, inactive entries, or all entries.

To change the size or content of the display, follow these steps:

1. Open the CPRS Configuration (Clin Coord) menu [OR PARAM COORDINATOR MENU].

```
AL Allocate OE/RR Security Keys [ORCL KEY ALLOCATION]
KK Check for Multiple Keys [ORE KEY CHECK]
DC Edit DC Reasons [ORCL ORDER REASON]
GP GUI Parameters ... [ORW PARAM GUI]
GA GUI Access - Tabs, RPL [ORCL CPRS ACCESS]
MI Miscellaneous Parameters [OR PARAM ORDER MISC]
NO Notification Mgmt Menu ... [ORB NOT COORD MENU]
OC Order Checking Mgmt Menu ... [ORK ORDER CHK MGMT MENU]
MM Order Menu Management ... [ORCM MGMT]
LI Patient List Mgmt Menu ... [ORLP PATIENT LIST MGMT]
FP Print Formats [ORCL PRINT FORMAT]
PR Print/Report Parameters ... [OR PARAM PRINTS]
RE Release/Cancel Delayed Orders [ORC DELAYED ORDERS]
US Unsigned orders search [OR UNSIGNED ORDERS]
EX Set Unsigned Orders View on Exit [OR PARAM UNSIGNED ORDERS VIEW]
NA Search orders by Nature or Status [OR NATURE/STATUS ORDER SEARCH]
DO Event Delayed Orders Menu ... [OR DELAYED ORDERS]
PM Performance Monitor Report [OR PERFORMANCE MONITOR]
```

2. Select the Event Delayed Orders Menu by typing **DO**.

   The following menu will appear:

```
DO Delayed Orders/Auto-DC Set-up [OR DELAYED ORDERS EDITOR]
EP Parameters for event delayed orders [OR EVENT PARAMETERS]
IN Inquire to OE/RR Patient Event File [OR PATINET EVENT INQUIRY]
```

3. Select Delayed Orders/Auto-DC Set-up by typing **DO**.
4. The following menu will appear:

```
DO Delayed Orders/Auto-DC Set-up [OR DELAYED ORDERS EDITOR]
EP Parameters for event delayed orders [OR EVENT PARAMETERS]
IN Inquire to OE/RR Patient Event File [OR PATINET EVENT INQUIRY]
```

5. Select Delayed Orders/Auto-DC Set-up by typing **DO**.
6. Select either Auto-DC Rules or Release Events by typing either **1** or **2**.
7. Select Change display by typing **CD**.
8. Type **Y** or **N** at the Do you want to truncate/expand this display? prompt.
9. Type Y or N at the Terminal emulator in 80-column mode? prompt.
10. At the Select which entries should appear on the list prompt, type one of the following numbers:

    1 - for active entries only
    2 - for inactive entries only
    3 - for all entries

    The orders that you specified will be displayed.

Files Associated with Auto-DC Rules

OE/RR AUTO-DC RULES (#100.6)

This file contains the locally-defined rules that control if and when active orders are automatically discontinued within each division. It is strongly recommended that CACs use the event-delayed orders menu [OR DELAYED ORDERS] to edit this file rather than using File Manager.

Fields in OE/RR AUTO-DC RULES (#100.6)		
Field Number	**Field Name**	**Description**
.01	NAME	This is the name of the auto-DC rule. It is visible in the Rule Editor only.
.1	INACTIVATED	This rule will no longer apply after the date listed in this field.
1.5	ACTIVATION HISTORY	
100.61,.01	ACTIVATION DATE/TIME	The date/time that this event was activated.
100.61,1	INACTIVATION DATE/TIME	This date/time that this event was inactivated.
.2	TYPE OF EVENT	This is the event that should cause orders to be automatically discontinued. For OR events, the orders will be discontinued when the TIME PAT IN OR field is entered in the Surgery package.
.3	DIVISION	This is the division that this auto-dc rule should be applied to. For a transfer across divisions, this field should contain the division that the patient is going to.
.4	DC REASON	This field contains the reason the order was automatically discontinued.
.5	DISPLAY TEXT	This field contains the name of the rule as it will appear to CPRS users.
.6	EXCEPT FROM OBSERVATION	This field indicates if an observation treating specialty should prevent this rule from being applied when the patient is discharged from the observation treating specialty. • If the field is set to **YES** then any discharge from an observation treating specialty will **not** auto-dc orders • If the field is set to **NO** then any discharge from an observation treating specialty will auto-dc orders • If this field is set to **if readmitting** then the person entering the discharge movement will

		be asked whether or not the patient will be readmitted immediately following this discharge (if the CPRS protocol is the no-task one). The appropriate action will be taken based on his or her answer.
.30	MAS MOVEMENT TYPES	When the MAS movement types defined in this field occur, this rule will be processed (if it is active).
100.63, .01	MAS MOVEMENT TYPE	The MAS Movement Type field further defines the trigger event for this rule. This allows for different rules for various types of MAS events. For example, to define a rule for canceling orders when a patient dies, enter the movement types DEATH and DEATH WITH AUTOPSY. A MAS movement type may only be used in one active rule.
40	EXCLUDED TREATING SPECIALTIES	These are treating specialties that will cause this rule to not be processed if the EXCEPT FROM and TO specialties match the patient's transfer.
100.64, .01	EXCEPT FROM SPECIALTY	This is a treating specialty that will prevent this rule from being applied. Specialty transfer rules will discontinue active orders unless the patient is being transferred from this specialty to one listed in the TO SPECIALTY multiple.
100.64,1	TO SPECIALTY	These are treating specialties that will cause this rule to not be processed, if the EXCEPT FROM and TO specialties match the patient's transfer.
100.641, .01	TO SPECIALTY	This is a treating specialty that will prevent this rule from being applied; specialty transfer rules will discontinue active orders unless the patient is being transferred to this specialty from the EXCEPT FROM SPECIALTY.
50	INCLUDED LOCATIONS	
100.62,.01	INCLUDED LOCATIONS ID	Enter an ID (free text) that will represent an entry in the FROM - TO location matrix. The value of the ID field is insignificant as it simply represents a placeholder. You can use any naming or numbering convention that you want. Orders will not auto-dc for location (ward) type transfers unless the transfer from and transfer to locations are identified within the INCLUDED LOCATIONS from - to entries. If the transfer from and to locations are found in this multiple then orders will auto-dc.
100.62,2	FROM LOCATION	If you did not select **YES** for the FROM ALL LOCATIONS field then you must select an

		individual field for the patient to be coming from.
100.62,3	TO ALL LOCATIONS	If this field is set to yes, it identifies all locations as possible “to” locations for the from-to pair.
100.62,4	TO LOCATION	If you did not select **YES** for the *TO ALL LOCATIONS* field then you must select an individual field for the patient to be going to.
60	INCLUDED DIVISIONS	If the division the patient was transferred from matches a value in this field, and the division has changed, the rule will be processed.
100.66, 01	FROM DIVISION	This is a division that will cause this rule to be applied. If a specialty change did not occur with the transfer, and the division has changed, then the patient must be moving from the division specified in this field in order for active orders to be discontinued.
70	INCLUDED PACKAGES	Orders associated with the packages specified in this field will be automatically discontinued when this rule is processed.
100.67,.01	TYPE OF ORDERS TO DC	This is a package whose active orders are to be automatically discontinued when the conditions of this rule are satisfied.
80	EXCLUDED ORDERABLE ITEMS	These are the orderable items that will **not** be automatically discontinued when this rule is processed.
100.68,.01	EXCEPT FOR ORDERABLE ITEM	The orderable items specified in this field are the orderable items that will **not** be automatically discontinued when this rule is processed
81	EDIT HISTORY	
100.681,.01	EDIT HISTORY	This field tracks the entering and editing of rules.
100.681,1	WHO ENTERED/EDITED	Name of person who added or edited this rule
100.681,2	ACTION	This field contains what action was taken on the rule
100	EXCLUDED DISPLAY GROUP	Any order related to the display group entered in the EXCLUDED DISPLAY GROUP multiple will be exempt from any auto-discontinuing normally triggered by this rule. You can use the excluded display group to protect a group of orders from being auto-discontinued. If an order belonging to this display group is found while processing this rule, it will be skipped and will not be auto-discontinued.

100.65,.01	EXCEPT ORDERS IN DISPLAY GROUP	Orders related to this display group will not be auto-discontinued

OE/RR PATIENT EVENTS (#100.2)

This file is used by CPRS to track what happened to a patient's orders as a result of an event, such as an MAS movement or returning from the OR.

Fields in OE/RR PATIENT EVENTS FILE (#100.2)		
Field Number	**Field Name**	**Description**
.01	Patient	This is a pointer to the patient file
.1	Activity	This multiple contains a log of actions taken on this event that are relevant to the release or discontinuance of orders.
100.25.01	Date/Time of Activity	This is the actual date and time that activity occurred.
100.25.2	Type of Event Activity	This field is a code indicating the type of activity that occurred. This may be new, edited, re-entered, manually released, deleted, or cancelled An event may also be "lapsed" if it stays unprocessed beyond the time frame defined by the "Lapse in #Days" field of the OE/RR RELEASE EVENTS file #100.5 for this event.
100.25.3	User	This field is the user who entered or modified the activity.
100.25.4	Event Type	This field is the type of event that was processed. This could be an admission, discharge, transfer, out of O.R., or specialty change event.
100.25.5	MAS Movement Type	This field is the MAS Movement Type of the activity that was processed, if it was a MAS patient movement.
100.25.6	Treating Specialty	This field is the treating specialty associated with this activity, if it is a MAS patient movement.
100.25.7	Ward Location	This field is the ward location associated with this activity, if it is a MAS patient movement.
.2	Event	This field is a pointer to the OE/RR RELEASE EVENTS file, which defines the conditions under which delayed orders are to be released for this patient event, if delayed orders are related to this event.
.3	Admission	This field is a pointer to the Admission movement for which this event is valid. If the patient is an inpatient when delayed orders are written, this field will be the current admission. Otherwise, the admission movement will be recorded when the patient is admitted and the orders are released. If the patient is discharged without

		this event occurring, it will be retired and any orders still delayed will be lapsed.
.4	Order	This field is a pointer to the doctor's order requesting that this event occur for this patient when delayed orders are written.
.5	Created On	This field is the timestamp of when this event was entered into the file for this patient.
.6	Created By	This field is a pointer to the user who entered this event into the file for this patient.
.11	Event Date/Time	This field is the date and time that this event occurred for this patient; if the event is a MAS movement, this time will be the DATE/TIME from the MAS movement file.
.12	Patient Movement	This field is a pointer to the MAS Patient Movement that satisfied this event for this patient; any changes to this movement that alter the conditions of the event will be tracked in the activity log.
.13	Auto-DC Rule	This field is the Auto-DC Rule from file #100.6 that was used to automatically discontinue active orders when this event occurred. Those orders that were dc'd are listed in the Discontinued Orders multiple of this file.
.14	Surgery	This field is a pointer to the Surgery case that satisfied this event for this patient when the TIME PAT IN OR field was entered; any changes to this field will be tracked in the Activity log.
.20	Released Orders	This multiple field contains the orders that were released based on the release event defined in the OE/RR RELEASE EVENTS file #100.5 when this event occurred.
100.26.01	Released Orders	This field is a pointer to the Orders file #100 of an order that was released as a result of the event occurring.
.30	Discontinued Orders	This multiple contains the orders that were automatically discontinued based on the rules defined in the OE/RR AUTO-DC RULES file #100.6 when this event occurred.
100.27.01	Discontinued Orders	This field is the number of the order in the Orders file #100.
100.62, 3	To all Locations	This is a hospital location that will cause this rule to be applied; if no specialty change occurs with the transfer, then the patient must be moving to this location from the FROM LOCATION for active orders to be discontinued.
100.62, 4	To Location	If you did not set the TO ALL LOCATIONS field to YES then you must specify the location the patient is moving TO that will match with the selection made for the FROM location (either all or individual). This is a hospital location that will cause this rule to be

		applied; if no specialty change occurs with the transfer, then the patient must be moving to this location from
60	Included Divisions	These are the divisions that will cause this rule to be processed, if the FROM division matches the patient's transfer.
100.66,.01	From Division	This is a division that will cause this rule to be applied; if no specialty change occurs with the transfer, then the patient must be moving from this division for active orders to be discontinued.
70	Included Packages	These are the packages whose orders are to be automatically discontinued when this rule is processed.
100.67,.01	Type of Orders to DC	This is a package whose active orders are to be automatically discontinued when the conditions of this rule are satisfied.
80	EXCLUDED ORDERABLE ITEMS	These are the orderable items that are NOT to be automatically discontinued when this rule is processed, even if an order for it belongs to a package in the INCLUDED PACKAGES multiple.
100.68, .01	EXCEPT FOR ORDERABLE ITEM	This is an orderable item that will be exempt from any automatic discontinuing of orders normally triggered by this rule; if an active order for this item is encountered while processing this rule, it will be skipped and not discontinued.
81	Edit History	
100.681,.01	Edit History	Tracks the entering and editing of rules.
100.681,1	WHO ENTERED/EDITED	Name of person who added or edited this rule
100.681,2	Action	What action was taken on the rule?
100	Excluded Display Group	
100.65, .01	Except Orders in Display Group	Any order related to the display group entered in the excluded display group multiple will be exempt from any auto-discontinuing normally triggered by this rule.

Frequently Asked Questions about Event-Delayed Orders and Automatically Discontinuing Orders (Auto-DC Rules)

1. **Can you disable the ability to write delayed orders?**

   Yes. If a site has not defined any release events, then a user cannot write event-delayed orders.

2. **Other packages (such as the Pharmacy package) have parameters that are related to events. Which parameters take precedence, front-door parameters (CPRS parameters) or back-door parameter (package parameters)?**

   The package parameters are evaluated first and take precedence. If you want CPRS parameters to take precedence, turn off package parameters.

3. **Can release events be created for non-MAS ward locations?**

   Yes. Release events for non-MAS ward locations should be configured as manual release events.

4. **Some sites have created service-display groups to sort generic text orders (for example, PCA and respiratory). Are the DC events related to the service or the display group?**

   To identify orders, CPRS look at the package (OE/RR for all generic orders regardless of display group). If you define the OE/RR package as an included package for auto-dc, all generic orders will be discontinued regardless of the display group. However, if the *excluded display group* field is populated, the generic orders that are associated with the display group will not be auto-discontinued.

5. **What happens if there is an excluded orderable item identified in the auto-DC file and the orderable item is changed in the host package?**

   The excluded orderable items field should not be used to specify pharmacy items that may change frequently. If the orderable item is changed, the exception will not have any effect.

6. **Should we remove our generic "transfer to" order dialog from the add orders menus?**

   Yes, remove it from your add orders menus. However, you can use the "transfer to" order dialog as the order dialog for your transfer release events. You may also use the new OR GXMOVE EVENT dialog which prompts for the release event rather than the treating specialty.

7. **Our Chief of Surgery does not feel that "Intensive Care Surgical" is a treating specialty. He wants, for example, "Vascular Surgery" with location of ICU. What do you suggest?**

   There are two answers to this question. You can change your facility treating specialties to be more specific for intensive care. Or, you can create an "Admit to Vascular Surgery Intensive Care" release event and tie it to the appropriate treating specialties.

8. **Can you delay outpatient meds for same-day surgery?**

   Yes. You should use manual release in this case.

9. **Treating specialty choices are controlled by MAS. What parameters should I look at or change to add a treating specialty?**

   Facility treating specialties are usually edited by HIMS staff. Please consult with your site staff.

10. **The patient goes from a ward to OR to PACU to ward. The patient is still on ward location when orders are written (e.g. patient is not transferred in the computer). How do we write orders to start in PACU?**

    Create a release event called OR to PACU (of type "Surgery"). Set up a print location for each OR room and define the printer in PACU. When the OR nurse enters time out of OR, the post-op orders will release and print to PACU.

    If you have other orders that need to release when the patient goes to ward, use the manual release function.

11. **Do surgery events auto-DC in real-time? What happens if the system is down, the surgery information is entered later, and the patient has already returned to the ward?**

    Yes, surgery events auto-DC in real-time. When the system is back online, coordinate recovery efforts between surgery staff members who are backloading data and clinicians who are processing orders. If necessary, inactivate the rule while time out of OR is backloaded and then reactivate.

12. **Can you set lapse days differently for each ward or specialty?**

    Yes.

13. **Is there a field or other identifier on the orders tab indicating that an active order was originally entered as a delayed order?**

    No, however, this information is included in the detailed order display.

14. **Can you make an auto-DC rule that does not auto-dc specific generic text orders (e.g. DNR orders) that remains active throughout the patient's hospitalizations?**

    Yes, define it as an excluded orderable item in the appropriate auto-DC rule. You could also create a special display group for this type of order and then add that display group to the "excluded display group" field so that orders belonging to this display group would not be auto-discontinued.

15. **Can MAS discontinue orders when a patient goes to surgery without a treating specialty or ward location change?**

    Yes. You can define an auto-DC rule for a surgery type that will discontinue orders based on the time-out of OR.

16. **What is the status of a delayed order that has lapsed?**

    The status will be "Lapsed".

Lapsing Orders

CPRS has two parameters and a field in the delayed order event creation software that control how orders lapse:

- **OR LAPSE ORDERS parameter** – For unsigned orders, this parameter controls after how many days the order in a specified display group should lapse. Each display group can have a different number of days. There is no default setting for this parameter. Sites must set this value if they want the orders from different display groups to lapse at the same time. This parameter works in conjunction with the OR LAPSE ORDERS DFLT parameter explained below. To have order lapse for after a specified number of days, site will have to set this parameter. To set this parameter, use IR CPRS Configuration (IRM), then XX General Parameter Tools, and EP Edit Parameter Values.
- **OR LAPSE ORDERS DFLT parameter** – For unsigned orders, this parameter sets a default number of days after which orders will lapse if the number of days is not already defined for their display group in the OR LAPSE ORDERS parameter. This parameter does not have a value on installation and must be set by sites if they want orders to lapse automatically. Sites can therefore set this default and then any values for specific display groups or sites can simply set each display group in the OR LAPSE ORDERS parameter. To set this parameter, use IR CPRS Configuration (IRM), then XX General Parameter Tools, and EP Edit Parameter Values.
- **LAPSE AFTER # DAYS field**– For delayed orders, the user creating or editing events can define the number of days after which the orders for a release event can be release. After the number of days is exceeded, the orders cannot be released. For more information, please see the **Explanation of Release Event Prompts (Fields in the OE/RR RELEASE EVENTS file #100.5)** of this manual.

CPRS also has a report that identifies lapsed orders. The report is located under the CPRS Configuration (Clin Coord) menu:

```
Select CPRS Manager Menu Option: PE  CPRS Configuration (Clin Coord)

Select CPRS Configuration (Clin Coord) Option: LO  Lapsed Orders search



                              Lapsed Orders Search
               This report is formatted for a 132 column output.


     Select one of the following:

          1         Service/Section
          2         Provider
          3         Patient
          4         Location
          5         Entered By
          6         Division

Enter the sort criteria: 2  Provider
Would you like a specific Provider? NO// YES
Select Provider: CPRSPROVIDER,TEN    TR          MEDICINE       PHYSICIAN
Select Provider:
Enter a starting date: T-365  (MAR 29, 2007)
Enter an ending date: T  (MAR 28, 2008)
```

```
Print summary only ? NO// YES
DEVICE: HOME//   HOME

Report Date: Mar 28, 2008@13:58:35  Sort Range From: Mar 29, 2007   To:
Mar 28, 2008

                Order Statistics for Provider sort

Provider                 Patient                  # of Orders
-----------------------------------------------------------------------
CPRSPROVIDER,TEN         CPRSPATIENT,EIGHT        4
CPRSPROVIDER,TEN         CPRSPATIENT,FOUR         12
CPRSPROVIDER,TEN         CPRSPATIENT,TEN          2
CPRSPROVIDER,TEN         CPRSPATIENT,TWELVE       3
CPRSPROVIDER,TEN         CPRSPATIENT,TWENTY FOUR  3
CPRSPROVIDER,TEN         CPRSPATIENT,TWO          3
                                             SUBTOTAL: 28
                                             ------------
                                             TOTAL: 28
```

Personal Quick Orders

Some exported ordering dialogs allow the user to create their own quick orders. These quick orders are shown at the top of the leftmost list box in the order dialog. The list of quick orders for each user is stored in the following parameters:

```
ORWDQ ANI                    Imaging Dialog, Angio/Neuro Orders
ORWDQ CARD                   Imaging Dialog, Cardiology (Nuc Med) Orders
ORWDQ CSLT                   Consult Dialog
ORWDQ CT                     Imaging Dialog, CT Scan Orders
ORWDQ DO                     Dietetics Dialog, Diet Orders
ORWDQ IV RX                  IV Fluid Dialog
ORWDQ LAB                    Lab Dialog
ORWDQ MAM                    Imaging Dialog, Mammography Orders
ORWDQ MRI                    Imaging Dialog, MRI Orders
ORWDQ NM                     Imaging Dialog, Nuclear Med Orders
ORWDQ O RX                   Outpatient Medication Dialog
ORWDQ PROC                   Procedures Dialog
ORWDQ RAD                    Imaging Dialog, Radiology Orders
ORWDQ TF                     Dietetics Dialog,  Tubefeeding Orders
ORWDQ UD RX                  Inpatient Medication Dialog
ORWDQ US                     Imaging Dialog, Ultrasound Orders
ORWDQ VAS                    Imaging Dialog, Vascular Lab Orders
ORWDQ XRAY                   Imaging Dialog
```

When a user creates a personal quick order, the contents of the quick order itself are stored in the Order Dialog file (#101.41). These Quick Orders are all stored in the ORWDQ namespace. The internal name of the Quick Orders entry will look something like, ORWDQ 0D7682BC. The second part of the name is a hexadecimal representation of the quick order checksum. This hex number is used to avoid the creation of identical (and redundant) quick order entries.

Ordering Menus and Quick Orders

Ordering menus may be activated from the “Write Orders” list box. The menu display window works like a browser window. The user moves through menus by selecting items in the display. It is possible to navigate forward and backwards through menus that have been selected by clicking the forward and backward arrows at the top of the screen. The user can exit the menu tree at any level by clicking “Done”. This behavior differs slightly from the List Manager interface. The Path Switch field (#53) of the Order Dialog file (#101.41) is currently ignored by the GUI menu navigator.

When a quick order is selected from the menu, the subsequent behavior depends on what is in the VERIFY ORDER (#8) and the AUTO-ACCEPT QUICK ORDER (#58) fields of the Order Dialog file (#101.41).

Verify	**Auto-Accept**	**Behavior**
No	No	Full ordering dialog shows
Yes	No	Accept/Edit/Cancel dialog shows before order is placed
No	Yes	Order is placed without further user interaction
Yes	Yes	Accept/Edit/Cancel dialog shows before order is placed

If any required fields have not been set up in the quick order, the full order dialog is shown.

When the quick order is evaluated, the following steps are done for each prompt in the dialog on which the quick order is based:

1. The value for the individual prompt is loaded, if available.

   If the prompt does not have a value, the DEFAULT field (#17) of the Order Dialog file is executed.
2. The ASK ON EDIT ONLY (#8), ASK ON ACTION (#9) and REQUIRED (#6) fields of the Order Dialog file are evaluated to see if this prompt requires user interaction.
3. The ASK ON CONDITION field (#13) of the Order Dialog file is executed, again to see if the prompt requires user interaction.

At the end of this evaluation, the order dialog responses are passed to the client. If user interaction is necessary, the ordering dialog is displayed with the evaluated responses as default values. If no further interaction is necessary and VERIFY ORDER is yes, the accept/edit/cancel dialog appears. If the order does not require verification and AUTO-ACCEPT is yes, the order is saved without any further interaction.

Ordering Dialogs

For entries in the Order Dialog file where TYPE=Dialog, an additional field, WINDOW FORM ID (#55), is often present. This field tells the client which window should be displayed for that particular ordering dialog. The values this field can take are listed below:

105 Allergy/Adverse Reaction Dialog (GMRAOR ALLERGY)

110 Consult Dialog

112 Procedures Dialog

117 Dietetics Dialog

120 Lab Dialog

130 Inpatient Medications Dialog

140 Outpatient Medications Dialog

151 General Miscellaneous Dialog (OR GXMISC GENERAL)

152 Generic Ordering Dialog

160 Imaging Dialog

171 Vitals Ordering Dialog

180 IV Fluids Dialog

999 Word Processing Dialog

It is generally not necessary to edit the WINDOW FORM ID field. If no value is found, a value of 152 is assumed and a generic ordering dialog is constructed on the fly based on the prompts defined for the dialog. Most dialogs defined by sites will either be based on OR GXMISC GENERAL, where WINDOW FORM ID = 151, or will be generic dialogs constructed on the fly and have no WINDOW FORM ID.

Some Troubleshooting

If a generic ordering dialog allows selection of an Orderable Item (i.e., contains OR GTX ORDERABLE ITEM as a prompt), the INDEX value must be set for the appropriate subset of entries of the Orderable Item file. For example, in OR GXMISC GENERAL, the values for the first prompt are:

```
SEQUENCE: 1                              ITEM: OR GTX ORDERABLE ITEM
  DISPLAY TEXT: Patient Care:            REQUIRED: YES
  INDEX: S.NURS                          HELP MESSAGE: Enter a patient
care item.
  ORDER TEXT SEQUENCE: 1
  SCREEN: I ‘$G(^(.1))!($G(^(.1))>$$NOW^XLFDT)
  XECUTABLE HELP: N IDX,SCR S
IDX=$G(ORDIALOG(PROMPT,”D”)),SCR=$G(ORDIALOG(PROMP
                  T,”S”)) D XHELP^ORDD43(IDX,SCR)
  EXIT ACTION: N OI S OI=+$G(ORDIALOG(PROMPT,INST)) D:OI ORDMSG^ORCD(OI)
```

The S.NURS value for the INDEX field indicates that the selections should be limited to entries in the Orderable Item file that belong to the NURS set. If this is not set up properly, the "B" cross reference is used for sorting and you may see odd behavior with respect to items that are not all upper case.

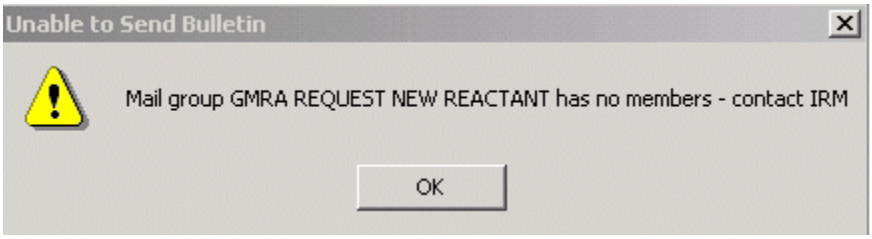
Order dialog in the GUI use the ID field to reference different prompts within the dialog. There have been occasional circumstances where the text of diet additional orders appears to be blank. This is almost always caused by a missing ID value in the OR GTX FREE TEXT 1 entry of the Order Dialog file. This entry should look like this:

```
NAME: OR GTX FREE TEXT 1                DISPLAY TEXT: Instructions:
  TYPE: prompt                          PACKAGE: ORDER ENTRY/RESULTS
REPORTING
  DATA TYPE: free text                  DOMAIN: 1:240
  ID: COMMENT
 DESCRIPTION:   This term gets a line of free text for generic orders.
  TIMESTAMP: 58261,43117
```

Allergy/Adverse Reaction Tracking Dialog

CPRS uses the GMRAOR ALLERGY order dialog—which is stored in the ORDER DIALOG file—to communicate directly with the Allergy/Adverse Reaction Tracking (ART) package. The ART package does not allow users to enter free-text causative agents. When users attempt to enter allergies or adverse reactions for causative agents that are not in the local or national ALLERGIES file, CPRS displays a dialog box giving users the opportunity to request the addition of these agents. When users choose to initiate such requests, CPRS sends the requests to the GMRA REQUEST NEW REACTANT mail group, which patch GMRA*4.0*17 provides.

Each site must populate this mail group with people who are authorized to decide which causative agents should be included its local ALLERGY file. If sites have not populated this mail group, users who attempt to request additions to the local ALLERGY file receive the following message:



The message box CPRS displays if users request the addition of a reactant and their sites have not populated the GMRA REQUEST NEW REACTANT mail group.

Based on a parameter setting in the ART package, users may also be able to indicate via CPRS whether they have marked allergies and adverse reactions on patients' identification (ID) bands (for inpatients). Specifically, if sites set the MARK ID BAND parameter to **1** (**YES)**, CPRS activates the **ID Band Marked** checkbox (for inpatients) in the **Enter Allergy or Adverse Reaction** dialog box. On the other hand, if sites set the parameter to **0** (**NO)**, CPRS deactivates the checkbox. Three related parameters determine if and how sites notify members of the GMRA MARK CHART mail group (or a specified order-entry team) when users do not indicate that they have marked allergies and adverse reactions on patients' ID bands. For more information about these parameters, see the *Adverse Reaction Tracking Technical Manual*.

Outpatient Medication Order Dialog

The default value for the “Pick Up” prompt in the outpatient medication dialog may be controlled with a parameter. ORWDPS ROUTING DEFAULT may be set to the following values:

- W Pick up at window.
- M Send by mail
- C Administered in clinic
- N No default. The user is required to choose window, mail, or clinic.

This is the value used for the general medication dialog and for quick orders if the “Pick Up:” prompt (OR GTX ROUTING) has not been set. Once a value has been selected, that value becomes the default for subsequent orders in the session.

Entering Custom Reasons for Non-VA Meds

For each Non-VA medication entered into CPRS, the user can select a reason why the patient is taking the medication. Four statements or reasons exported at the package level of the GUI Non-VA Med Statements/Reasons parameter are as follows:

- Non-VA medication not recommended by VA provider.
- Non-VA medication recommended by VA provider.
- Patient wants to buy from Non-VA pharmacy.
- Medication prescribed by Non-VA provider.

At the System or Division level for this parameter, sites can enter their own reasons or statements, including the above if they choose to, at the system or division level of this parameter. The parameter asks for a sequence number to let the user determine what order it should display the reasons, and the user can then enter a reason up to 60 characters in length. Sites can enter any number of reasons they choose, but should use good judgment and not create too many reasons that would make it difficult for users to enter the appropriate reasons.

To change the reasons in the GUI Non-VA Med Statements/Reasons parameter, use the following steps:

1. In the List Manager interface, use the menu option **NV GUI Non-VA Med Statements/Reasons** under the **GUI Parameters** option of the **CPRS Configuration (Clin Coord)** menu and press <Enter>.
2. Enter 1 for Division or 2 for system and press **<Enter>**.
3. If you chose 1, type the name of the institution and press **<Enter>**.
4. At the Select Sequence prompt, type a sequence number and press **<Enter>**.
5. When asked if you are adding a new sequence with the number you entered, type **Y** and press **<Enter>**.
6. When the Sequence prompt displays with the number by it, press **<Enter>**.

7. At the Statement/Reason prompt, type the text that you want CPRS to display as one of the statements/reasons the patient is taking a non-VA medication. (The limit for the reason/statement is 60 characters.)
8. Repeat steps 4-7 as needed to create the list of statements/reasons.
9. When finished entering reasons, type an up caret (^) and press **<Enter>** to exit the menu.

Entering a Message for Inpatient Clozapine Orders

Clozapine is usually prescribed in an outpatient setting, but it can be ordered for inpatients. However, the special appropriateness order checks that occur when finishing in the backdoor Outpatient Pharmacy setting do not occur in the finishing process in backdoor Inpatient Pharmacy. In addition, backdoor Outpatient Pharmacy sends the clozapine information to the National Clozapine Coordinating Center (NCCC) database. Some sites have directed the ordering provider to place a corresponding outpatient order when placing an inpatient clozapine order. The sites that have this policy can use the new OR CLOZ INPT MSG parameter to help reinforce this policy to the ordering providers.

To edit this text, use these steps:

1. In the List Manager interface, go to the menu option CPRS Configuration (Clin Coord)….
2. Type **GP** and press <**Enter**> for GUI Parameters.
3. Type **CLOZ** and press <**Enter**> for GUI Edit Inpatient Clozapine Message.
4. Type the name of the warning and press <**Enter**>.
5. In the text entry area that displays, enter the needed text.
6. When finished, press <**Num Lock**> **+ e**, which will save the text and exit to the GUI Parameters menu option.

Signing Orders / Exiting the Chart

When a user exits the chart a window may display that contains orders that require a signature. The orders displayed in this window are controlled by the parameter OR UNSIGNED ORDERS ON EXIT. This parameter may be set to the following:

- 0 Only unsigned orders from the current session appear.
- 1 Unsigned orders by the current user for the currently selected patient appear.
- 2 All unsigned orders for the currently selected patient appear.

The orders are checked initially in the list box. They may be individually unchecked to prevent a signature code from being applied to them.

For holders of the ORELSE key, the parameter OR SIGNATURE DEFAULT ACTION controls which radio button is checked by default on the Review / Sign Changes screen. The following values are possible:

- OC Signed On Chart may be checked (based on OR SIGNED ON CHART).
- RS Release without Signature will be checked.

The parameter, OR SIGNED ON CHART, applies to OREMAS key holders and ORELSE key holders who have "Signed On Chart" as their default action. If OR SIGNED ON CHART is yes, then "Signed on Chart" is checked by default. Otherwise the default is "Hold for Signature".

Digitally Signing Orders

The Department of Veterans Affairs (VA) and the Drug Enforcement Agency (DEA) are cooperating on a pilot project that uses card readers, smart cards, and digital certificates to authenticate users and digitally sign outpatient orders for Schedule 2 and Schedule 2n controlled substances. This project would make it possible to eliminate the use of handwritten or "wet" signatures being sent to pharmacy and pave the way for completely electronic medication ordering.

Note: Schedule 2 Medications represent about 5% of all Medication orders placed at a site. It is estimated that Schedule 2 Medication orders will add from 600-1000 bytes of data to the current total per order. At a large site (from current statistic's) this means an increase of about 24 MB per year to the size of the ^OR global.

Digital Signatures Fields and Parameters

To make digital signatures possible in CPRS, developers added two new parameters and expanded one field and added four fields to CPRS files. The following fields were modified or added:

- The Signature Status field (4) of the ORDER ACTION subfile (100.008) of the ORDERS file (100) was modified to include a "Digitally Signed" order status.
- The External Text field (.01) of the ORDER ACTION sublfile (100.008) of the ORDERS file (100) was added to store the external text of an order. The external text of an order gets passed to Kernel's signing COM object and is used to create the digital hash.
- The Digital Signature field (23) of the ORDER ACTION subfile (100.008) of the ORDERS file (100) stores the digital hash (encrypted external order text).
- The Drug Schedule field (24) of the ORDER ACTION subfile (100.008) of the ORDERS file (100) stores the Controlled Substances Federal Schedule of the drug, which is used to see whether a digital signature is required.
- The Digital Signature Required field (25) of the ORDER ACTION subfile (100.008) of the ORDERS file (100) stores the indicator of whether the order requires a digital signature.

Field Name	Field Description	New Field	Data Type	Identifier	Uneditable
SIGNATURE STATUS 100.008,4	Signature status of the order	No	Set	No	No
EXTERNAL TEXT 100.008, .01	Order text stored in external format	Yes	Word Processing	No	Yes
DIGITAL SIGNATURE 100.008,23	Digital Signature of the order	Yes	Free Text	No	Yes
DRUG SCHEDULE 100.008,24	CS Federal Schedule of the drug	Yes	Free Text	No	No
DIGITAL SIGNATURE REQUIRED 100.008,25	Set if a digital signature is required.	Yes	Set	No	No

Required Environment for Digital Signatures

To enable PKI to be phased in slowly, the developers included code that will check the environment to ensure that necessary PKI components (patches) are installed before it tries to run.

> **Note:** This patch can only be installed at sites running CPRS; however, the functionality will remain dormant until implementation of the DEA/PKI Digital Signature project.

Pharmacy Benefits Management (PBM) Strategic Healthcare Group, in collaboration with the Drug Enforcement Administration (DEA), requested the development of the first Public Key Infrastructure (PKI) VistA pilot project, named Public Key Infrastructure for Electronic Prescriptions Pilot Project. The objective is to develop an electronic order entry system for Schedule II controlled substances using digital signatures. A Memorandum of Understanding between the DEA and the Department of Veterans Affairs authorizes only specified sites to use the full functionality of this pilot, although additional functionality is included that will benefit non-pilot sites. This patch contains the functionality required for this pilot and lays the foundations for the future implementation of the PKI once the DEA regulations are revised and published. It is installed with the PKI functionality disabled and will not have any impact until the PKI functionality is enabled. PKI functionality can be enabled via Computerized Patient Record System (CPRS) parameters at a site level and a user level. Additional hardware and software is required from various sources before PKI can be implemented at a site.

Warning: Do NOT enable the PKI parameters until all required software and hardware has been installed. This patch will enable Schedule 2 and 2n drugs to be Digitally Signed and transmitted to Pharmacy without the requirement for a “wet” signature.

The following packages have been enhanced to support the DEA/PKI pilot project:

- National Drug File (NDF) V. 4.0
- Kernel V. 8.0
- Computerized Patient Record System (CPRS) V. 1.0
- Pharmacy Data Management (PDM) V. 1.0
- Outpatient Pharmacy (OP) V. 7.0
- Controlled Substances (CS) V. 3.0

The following patches are related to the DEA/PKI project:

- PSN*4*65
- PSS*1*61
- PSO*7*131
- PSD*3*40
- XU*8*267
- XU*8*283
- XU*8*288

Important Items

- **New Field Added to the Institution File -** Kernel patch XU*8*267 added a new field to the Institution file (#4), called FACILITY DEA NUMBER, which must have a value before this patch is installed. Integrated sites, Multi-divisional sites and sites that have sub-stations that users are able to sign in to (clinics, nursing homes, etc.) must also have the Facility DEA Number entered for those sub-station entries in the Institution file (#4).
- **Required Information -** If you install this patch without entering the all the required Facility DEA Numbers, your physicians will not be able to order controlled substances. You should be able to get the Facility DEA# from the Pharmacy or Pharmacy Chief. With the Facility DEA# and your institution name, use VA FileMan to enter the data, as follows:

```
Select OPTION: ENTER OR EDIT FILE ENTRIES

INPUT TO WHAT FILE: INSTITUTION//
EDIT WHICH FIELD: ALL//    FACILITY DEA NUMBER
THEN EDIT FIELD:

Select INSTITUTION NAME: <Enter your institution name>
FACILITY DEA NUMBER:     <Enter your Facility DEA# here>
```

The following files may help sites as they begin to implement PKI. Sites can dowload these files from the FTP Anonymous directories:

- **HinesPKIUserGuide.doc -** This is a word document to help in the installation and implementation of PKI for DEA/VA Schedule II drugs.
- **cert_how_to_updated11-5-02.pdf -** This is from a DEA contractor and shows how to view a DEA Cert.
- **Krn8_0p283sp.pdf -** This documents the digital signature from the Kernel point of view during the development phase.

CPRS will check if the appropriate Kernel and Pharmacy pieces are in place. In addition, two parameters must be turned on before digital signatures will be allowed:

- ORWOR PKI SITE enables digital signatures (PKI) for the site.
- ORWOR PKI USE enables digital signatures for the current user.

In addition to these software requirements, sites will have to install card readers on the workstations and have the VA Issuing Station get smart cards (card with integrated circuits) for authorized clinicians—following which a personal identification number (PIN) will be issued to each clinician.

The smart cards will contain information needed for the clinician to digitally sign the order including the following:

- The clinician's demographic information
- Access and verify codes
- PIN
- Digital certificate

Overview of Digital Signature Process

When an outpatient medication order is placed, CPRS uses an RPC call to a new Pharmacy Data Management (PDM) API to find out the drug's exact Controlled Substance Federal Schedule type (1, 2, 2n, 3, 3n, 4, 5). If the drug is a Schedule 2 or 2n controlled substance and digital signatures (PKI) have been implemented at the site, CPRS will store an indicator in the orders file to require a digital signature for the order.

CPRS builds and stores an order's external text. The following information is included in the external text as required by DEA:

- Date of prescription
- Full name and address of patient
- Drug name
- Drug strength
- Drug dosage form
- Drug quantity prescribed
- Direction for use
- Practitioner's name
- Practitioner's address
- Practitioner's (DEA) registration number
- Signature (in this case the digital signature of the physician)

When the clinician attempts to sign the orders, the normal electronic signature process within CPRS first takes place. Then, for each Schedule 2 or 2n Controlled Substance medication order, the clinician must insert the smart card if it is not already in the card reader and enter the PIN.

This external order text is then sent to the Information Infrastructure Service (IIS) Digital Signing Common Object Model (COM) object along with the provider's DEA or VA/DEA number of the site. The Digital Signing COM object must then locate the digital certificate on the smart card with appropriate DEA extensions and DEA number.

Once the Digital Signing COM verifies that the certificate is valid for the date the order is placed and verifies DEA numbers, it creates the hash and digitally signs the hash.

The digitally signed hash and external text is then passed back to CPRS. CPRS stores the hash in the ORDERS ACTION subfile (100.008) of the ORDERS file (100) and passes the digital signature and the Certificate Revocation List Uniform Resource Locator (CRL URL) to an IIS database for permanent storage.

If a problem occurs during signing, the possible error codes are listed below:

Reason Error Code	Error Message
89802000	Order Text is blank
89802001	DEA # missing
89802002	Drug Schedule missing
89802003	DEA # not valid
89802004	Valid Certificate not found
89802005	Couldn't load CSP
89802006	Smart card Reader not found
89802007	Certificate with DEA # not found
89802008	Certificate not valid for schedule
89802010	Crypto Error (contact IRM)
89802015	Corrupted (Decode failure)
89802016	Corrupted (Hash mismatch)
89802017	Certificate revoked
89802018	Verification failure
89802019	Before Cert effective date
89802020	Certificate expired

Consults Order Dialog

Parameters

On the Consults tab, the "New Consult" button, as well as the "New…" menu option, can be linked to a specified order dialog, quick order, or order menu, resulting in behavior identical to ordering via the Orders tab. As exported, clicking on the button will display the generic consults ordering dialog. By changing the value of the parameter ORWDX NEW CONSULT, this default behavior can be modified and customized by SYSTEM, LOCATION, and USER.

This parameter cannot be directly changed using the GUI, and must be modified using the General Parameter Tools menu options. Any existing order dialog, quick order, or order menu can be assigned to the parameter, at any of the three levels. A common practice is to assign the same consults order menu to the button as is used on the Orders tab. This provides consistent functionality, and two ways to access the same lists of quick orders.

There is currently no available way to disable the button entirely. A common method of effectively disabling the buttons is to create an order menu consisting of only a text entry. That entry should advise the user that ordering is only available via the Orders tab. Assign that menu to the appropriate parameter, and the menu text will be displayed to the user when the button is selected.

Variables

The following variables, if set to a non-zero value in the entry action of either an order menu or an individual quick order, will cause the corresponding prompt to be disabled and not answerable in the GUI order dialog. If a particular quick order contains a conflicting value, the value stored in the quick order will take precedence.

- GMRCNOPD Disables the "Provisional Diagnosis" prompt. If this variable is not set, logic in the consults package setup for the selected service will determine the behavior of this prompt.
- GMRCNOAT Disables the "Attention:" prompt.

- GMRCREAF Disables the “Reason for Request” edit box. If this variable is not set, logic in the consults package setup for the selected service will determine the behavior of this prompt.

Procedures Order Dialog

Parameters

On the Consults tab, the “New Procedure” button, as well as the “New…” menu option, (Action | New) can be linked to a specified order dialog, quick order, or order menu, resulting in behavior identical to ordering via the Orders tab. As exported, clicking on the button will display the generic procedures ordering dialog. By changing the value of the parameter ORWDX NEW PROCEDURE, this default behavior can be modified and customized by SYSTEM, LOCATION, and USER.

This parameter cannot be directly changed using the GUI, and must be modified using the General Parameter Tools menu options. Any existing order dialog, quick order, or order menu can be assigned to the parameter, at any of the three levels. A common practice is to assign the same procedures order menu to the button as is used on the Orders tab. This provides consistent functionality, and two ways to access the same lists of quick orders.

There is currently no available way to disable the button entirely. A common method of effectively disabling the button is to create an order menu consisting of only a text entry. That entry should advise the user that ordering is only available via the Orders tab. Assign that menu to the parameter, and the menu text will be displayed to the user when the button is selected.

Variables

The following variables, if set to a non-zero value in the entry action of either an order menu or an individual quick order, will cause the corresponding prompt to be disabled and not answerable in the GUI order dialog. If a particular quick order contains a conflicting value, the value stored in the quick order will take precedence.

- GMRCNOPD Disables the “Provisional Diagnosis” prompt. If this variable is not set, logic in the consults package setup for the service associated with the selected procedure will determine the behavior of this prompt.
- GMRCNOAT Disables the “Attention:” prompt.
- GMRCREAF Disables the “Reason for Request” edit box. If this variable is not set, logic in the consults package setup for the service associated with the selected procedure will determine the behavior of this prompt.

Lab Order Dialog

Parameters

All laboratory parameters used by the CPRS GUI are set via options in the Lab package, and not by editing the parameter values directly.

The value of the following parameters determines whether routine lab collections are performed on the corresponding day of the week. They can be set only at the SYSTEM level:

- LR COLLECT MONDAY
- LR COLLECT TUESDAY
- LR COLLECT WEDNESDAY
- LR COLLECT THURSDAY
- LR COLLECT FRIDAY
- LR COLLECT SATURDAY
- LR COLLECT SUNDAY

If the parameter LR IGNORE HOLIDAYS is set to TRUE, also only possible at the SYSTEM level, then the lab at this site collects on holidays, and the holiday status of a date is ignored when determining routine collection times for that date.

If the parameter LR EXCEPTED LOCATIONS is set to TRUE for an ordering location, then weekend and holiday collection times are never skipped for that location. The same routine lab collection times are available on weekends and holidays for these locations as for any other day of the week.

The parameter LR PHLEBOTOMY COLLECTION is read to determine the routine lab collect times that will appear in the “Collection Time” combo box, and in the selection box on the calendar display window that appears if “Future” is selected as a Lab Collect time. On the “Future” calendar screen, only those routine lab collect times for the selected date are shown, and only those for that date which are not already beyond the defined cutoff time for each collection. The parameter’s value is set by DIVISION and SYSTEM, and is based on values in the LABORATORY SITE file (#69.9).

The parameter LR DEFAULT TYPE QUICK determines the default collection type for the basic lab order dialog, and for quick orders where no collection type is otherwise defined, either by a dialog response, or by setting a value in the LRFZX variable (see below). This parameter is set by LOCATION.

The parameter LR MAX DAYS CONTINUOUS determines the total length of time that can be covered by the time span entered for a recurrent test. The response to the “How Long?” prompt is evaluated, either as a number of days or a number of times, and the total duration of the ordered test is compared against the parameter value to determine its validity. The parameter can be set by SYSTEM and LOCATION, and values can range from 1 to 370 days.

The parameter LR LAB COLLECT FUTURE defines how far in the future a lab-collected test can be ordered. The start date of the test cannot be further in the future than the number of days defined in the parameter. The parameter can be set by LOCATION, DIVISION, and SYSTEM, and values can range from 1 to 370 days.

Variables

The following variables, if set to a value in the entry action of either an order menu or an individual quick order, will cause the corresponding prompt to be pre-answered in the GUI order dialog. If set for a menu, all lab tests on that menu will be affected by the defined value. If a particular quick order contains a conflicting value, either as a dialog response or as an entry action redefinition of the variable, the value stored in the quick order will take precedence.

LRFZX	Defines the default collection type for the menu or quick order. Possible values include “LC”, “WC”, “SP”, or “I”. These correspond to “Lab Collect”, “Ward Collect”, “Send Patient to Lab”, and “Immediate Collect”, respectively. See discussion of parameter LR DEFAULT TYPE QUICK above.
LRFSAMP	Defines the default collection sample for the menu or quick order. The value is a pointer to the COLLECTION SAMPLE file (#62).
LRFSPEC	Defines the default specimen for the menu or quick order. The value is a pointer to the TOPOGRAPHY FIELD file (#61).
LRFDATE	Defines the default collection date/time for the menu or quick order.
LRFURG	Defines the default urgency for the menu or quick order. The value is a pointer to the URGENCY file (#62.05).
LRFSCH	Defines the default schedule for the menu or quick order. The value is a pointer to the ADMINISTRATION SCHEDULE file (#51.1).

“Other” as a Choice for Collection Sample or Specimen

The “Other” selection for these items is available for any lab test with the “CH” (chemistry) subscript, for all users. Additionally, for users holding the LRLAB key, the “Other” selection is available for all lab tests, regardless of subscript.

Combining Lab Orders

When an order is sent to the Lab package an attempt is made to combine the request with any active Lab order number for the same:

- Patient
- Time
- Collection Type
- Specimen
- Provider

The logic for combining orders is:

- Don’t add to collected orders.
- Don’t add if any part of the order is collected.
- Don’t add to a combined order
- Don’t add if collection types are different
- If Collection type equals LC (Lab Collect):
- Collection times must match exactly

If Collection type does not equal LC (is WC, SP, IM):

- Collection times must be within 600 seconds (10 minutes) of each other
- If the time is not exact (2980724), orders will be still be compared for 600 second limit
  Don't add if the order has been canceled

  Duplicate tests (entered in the same session) are allowed to combine to the same lab order number only if the test specimens are different. Duplicate tests (entered in the same session), with the same test specimen get their own distinct lab order number.

  Tests that are defined 'not to combine' will get their own unique Lab order number

  Order is combined at the specimen level (^LRO(69,LRODT,1,LRSN)) if the following match:

- DUZ
- Sample
- Provider
- Location
- Specimen

Order is combined at Order number level (^LRO(69,"C",LRORD)) if the following match:

- Sample
- Specimen

Immediate Collect Issues

When ordering a lab test as "Immediate Collect", there is a minimum lead time that is required by the lab, as defined in the Lab package. If the current time plus this minimum lead time is entered as the collect time for the order, it is possible that while making other selections on the order dialog, the minimum lead time originally selected will become insufficient as time passes. To prevent this from happening, the requested time is reevaluated on acceptance of the order, and is adjusted accordingly if the minimum required time has not been met.

Canceling Lab Orders

You should configure auto-DC rules to manage how lab orders are automatically discontinued. For more information, see the Automatically Discontinuing Orders (Auto-DC Rules) topic.

Note: Previously, automatic cancellation of lab orders was controlled by the CANCEL ON ADMIT, CANCEL ON DISCHARGE, and CANCEL ON SPECIALTY TRANSFER fields in the Laboratory Site File (#69.9). It is recommended that you leave these fields null and use auto-DC rules.

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Imaging Order Dialog

Parameters

The parameter RA REQUIRE DETAILED controls whether restrictions are placed on imaging procedures orderable based on procedure type (possible procedure types are: Detailed, Series, Parent, Broad). If this parameter is set to “0”, users are allowed to order any imaging procedure regardless of type. If set to “1”, users are not allowed to select “Broad” type imaging procedures. These “Broad” procedures will not appear in the selection list. This parameter may be set by DIVISION and SYSTEM.

The parameter RA SUBMIT PROMPT controls whether the “Submit To:” combo box is enabled or disabled. The Imaging Location entered with the order determines where the Imaging Request form will print (IRM can assign each Imaging Location in the Radiology/Nuclear Medicine package a request printer). If this parameter is set to 0, the Imaging Request form will not be printed. If this parameter is set to 1, the system will first attempt to automatically determine the Imaging Location, enter it as the default in the combo box, and then disable the combo box. If the automatic attempt fails, then the combo box will be enabled. If there is more than one Imaging Location for the current imaging type (examples of imaging types selectable when ordering imaging procedures are Nuclear Med, Ultrasound, General Radiology, etc.), the automatic attempt will fail and the combo box will be enabled. If there is only one possible Imaging Location for the current imaging type, the system will automatically default to that location, and the combo box will be disabled. This parameter may be set by DIVISION and SYSTEM.

Allergies Dialog

Files Used for Lookup

A list of causative agents matching the search term entered by the user is returned from the following files:

- GMR ALLERGIES (#120.82)
- Drug Ingredients (#50.416)
- VA Drug Class (#50.605)
- National Drug File (Generic Name)
- National Drug File (Trade Name)

Top 10 Symptoms List

The top ten symptoms list is retrieved from the GMR ALLERGY SITE PARAMETERS file (#120.84). These ten symptoms are presented at the top of the symptoms selection box, with the remaining available symptoms appearing below a separator line. These remaining items are retrieved from the SIGN/SYMPTOMS file (#120.83).

Notes Tab Settings

Criteria Used to Determine Notes Shown in List

The parameter ORCH CONTEXT NOTES contains information used to limit or customize the list of notes displayed to the user. This parameter is used by both the CPRS GUI and List Manager versions. It can be set by SYSTEM and by USER. The parameter's value is a semicolon-delimited string, the pieces of which contain the following:

a;b;c;d;e;f;g;h;I;j;k;l Example: **T-90;T;1;1329;20;1;A;1;1;T;B;test**

a	Begin date
b	End date
c	Status (pointer to the TIU STATUS file (#8925.6))
d	Author (pointer to the NEW PERSON file (#200))
e	Occurrence Limit - The number of notes actually shown by default is determined by using the Occurrence Limit from the parameter, and then, if not present, the NUMBER OF NOTES ON REV SCREEN from TIU preferences (see below).
f	If present and non-zero, show subject in notes list.
g	Sort notes in list view by visit date (D), author (A), title (T), location (L), or subject (s).
h	If present and non-zero, sort tree view chronologically, otherwise reverse chronologically.
i	If present and non-zero, sort list view chronologically, otherwise reverse chronologically.
j	Group notes in tree view by visit date (D), author (A), title (T), or location (L).
k	Field to search for keyword in (l). Subject (S), Title (T), or Both (B).
l	Keyword to search for in fields defined in (k).

The user-level value for this parameter can be set using the "Custom View" menu and saving the selected options as the default.

TIU Personal Preferences Menu

Items in **bold** are used by the GUI:

DEFAULT LOCATION	Can also be set by day of week.
REVIEW SCREEN SORT FIELD	Not used.
REVIEW SCREEN SORT ORDER	Ascending or descending, by date.
DISPLAY MENUS	Not used.
PATIENT SELECTION PREFERENCE	Not used.
ASK 'Save changes?' AFTER EDIT	Not used.
ASK SUBJECT FOR PROGRESS NOTES	When entering a new progress note, should the edit box for entering a subject be displayed to the user?
NUMBER OF NOTES ON REV SCREEN	If the parameter ORCH CONTEXT NOTES does not contain a value for Occurrence Limit, as described above, this value will be used.
SUPPRESS REVIEW NOTES PROMPT	Not used.
Select DAY OF WEEK	Not used.

Document List Management

Also available from the TIU PERSONAL PREFERENCES menu is an option called DOCUMENT LIST MANAGEMENT. This option allows a user to select a default document title and to create personal lists of commonly used titles.

The first option allows the creation of a default title for a given document class. Within each document class (Progress Notes, Consults, Discharge Summary, etc) it is possible for a user to select a default title that will be pre-selected whenever creating a new document of that class. If there is a default title for the user, and all other information necessary to create the note is already present, the note properties dialog will be bypassed, and the note editor will appear immediately on clicking the "New Note" button or menu item. This behavior can be changed using the parameter ORWOR VERIFY NOTE TITLE. This parameter is only used in the GUI, and can be set by USER, DIVISION, and SYSTEM. If set to TRUE, the note properties dialog will always display, regardless of the presence of a default title for the user. The default title will be pre-selected in the title list, but the user will be required to click OK to exit the dialog, thereby verifying that the default title is the correct one to be used.

The second option allows the creation of personal title lists. When creating a new note belonging to a given class, the user will be asked to select a title belonging to that class. On the Notes tab, the class is usually PROGRESS NOTES, while on the Consults tab it is CONSULTS. On the Discharge Summary tab, it is DISCHARGE SUMMARY. For any particular class, it may be useful to only have to choose from among a few highly specific titles (e.g., a pulmonologist entering a Progress Note may wish to choose from a short list of three or four titles related to pulmonary function, or pulmonary disease). Rather than presenting a list of hundreds of unrelated titles, the list named and defined here will be presented at the very top of the list of titles. In the event that a title is needed which doesn't appear on this short list, the remaining available titles are listed below the short list, separated by a horizontal bar.

Consult Completion Via the Notes Tab

If a CONSULTS class document title is selected when creating a new note, a list of consults is presented for linking to the note. A document in this class requires linking to a consult request during creation of the document. Consults are included in the selection list if:

- They were ordered within the number of days specified by the parameter GMRC CONSULT LIST DAYS. This parameter is used to allow a site to set the number of days that will be searched backwards for a Consult to be associated with a Note. A default parameter of 365 days will be set at the Package Level.
- The user can complete the consult based on his/her access level to the service of the consult, as determined via settings in the Consults package.
- The consult's status allows completion via a TIU note.

Autosaving Parameter

The parameter ORWOR AUTOSAVE NOTE allows setting of the time interval at which notes in progress will be automatically saved to the V*ist*A server. Its value can be set by SYSTEM and USER, and contains the number of seconds between successive auto-saves. The exported value is 180 seconds (every 3 minutes). Local system performance issues may affect the optimum value for a given site or user.

Spell Checking

With the CPRS GUI, it is possible to do a spelling check of TIU documents, provided MS Word has been installed on the workstation, and spelling is enabled. CPRS uses the same dictionaries and settings as are in effect for MS Word.

These nine files have been made available as the CPRS Spelling Dictionary supplement:

- CPRSlex-ab.dic
- CPRSlex-c.dic
- CPRSlex-caps.dic
- CPRSlex-de.dic
- CPRSlex-fh.dic
- CPRSlex-ilwz.dic
- CPRSlex-mo.dic
- CPRSlex-pr.dic
- CPRSlex-sv.dic

These files contain about 50,000 words from the VistA Lexicon. They are one way to provide medical words for CPRS to check. Local use of them is optional, and does not supersede other methods of providing a medical vocabulary.

You may download dictionary files from the CPRS Website at

http://vista.med.va.gov/cprs/html/technical_info_.html

and then clicking on *Spellcheck zip file*.

To use these files:

1. Save the files into the *\Program Files\Common Files\Microsoft Shared\Proof* directory or whichever Windows directory holds the files with ".lex" and ".dic" extensions.
2. From Word for Windows, select **Tools | Options…**
3. Select the Spelling & Grammar tab.
4. Click the **Dictionaries…** button. The nine dictionary files are listed in the Custom dictionaries window.
5. Make sure all nine files names have a check beside them.
6. Click **OK** until all dialogs are closed.

Also, while on the Spelling & Grammar tab, make sure that the following items are checked:

- Check spelling as you type
- Always suggest corrections

Ignore Internet and file addresses, and be sure that the following items are NOT checked:

- Hide spelling error in this document
- Suggest from main dictionary only
- Ignore words in UPPERCASE
- Ignore words with numbers

To Use the spelling checker in the CPRS GUI, create a TIU document. Position the cursor at the beginning of the TIU document. Right click in the document and choose Check Spelling. The Spell Checker feature in Microsoft Word will be activated, and will operate exactly as it does in Word.

Additional Documentation

For additional information related to the implementation of business rules, user classes, the Authorization/Subscription Utility (ASU), creation and use of boilerplate text, and TIU objects, please consult the documentation already available for the Text Integration Utility (TIU) and ASU packages.

Populating the Encounter Forms

The Encounter Form is populated from AICS Encounter Forms on file for each location, and from the current patient record.

CPRS relies on the existence of well-formed AICS forms for each location. Data is retrieved from the form for the currently selected location to fill in the information in the top half of the encounter form. Eight of the 10 tabs shown across the top of the Windows form reflect the contents of this AICS form.

The GAF tab will appear when the currently selected location is a mental health clinic. The current criteria for this determination is a stop code that starts with a “5”, excluding the following codes: 526, 527, 528, 530, 536, 537, 542, 546, 579.

Vitals tab is entirely populated from the patient record.

Visit Type, Diagnosis, Procedures, Immunizations, Skin Tests, Patient Education, Health Factors, and Exams each correspond to a TYPE OF DATA used to populate lists in the AICS encounter form.

The following TYPE OF DATA values create entries that appear in the GUI Encounter Form:

TYPE OF DATA Name	Associated Tab
SELECT VISIT TYPE CPT PROCEDURES	Visit Type
SELECT ICD-9 DIAGNOSIS CODES	Diagnosis
SELECT CPT PROCEDURE CODES	Procedures
SELECT IMMUNIZATIONS	Immunizations
SELECT SKIN TESTS	Skin Tests
SELECT EDUCATION TOPICS	Patient Ed
SELECT HEALTH FACTORS	Health Factors
SELECT EXAMS	Exams

All other TYPE OF DATA values have no effect on the GUI Encounter Form.

If the associated TYPE OF DATA is missing from the Encounter Form, then that tab is not populated.

The TYPE OF DATA is selected while defining a new list while using the ED (Edit Form) option of the Edit Encounter Forms menu as in the following example:

```
EDITING A FORM BLOCK          Sep 00, 2000 00:00:00     Page: 1 of  2
1         2         3         4         5         6         7
    123456789 123456789 123456789 123456789 123456789 123456789 123456789 123456
  1 ____________________________________________________________________________
  2 |                                                            PROCEDURES
  3 |         Pulmonary Function Tests          |
  4 | [ ] Breathing Capacity Test         94010 |
  5 | [ ] Evaluation of Wheezing          94060 |
  6 | [ ] Vital Capacity Test             94150 |
  7 | [ ] Lung Function Test (MBC/MVV)    94200 |
  8 | [ ] Measure Airflow Resistance      94360 |
  9 | [ ] Pulmonary Compliance Study      94750 |
 10 |                                           |
 11 |               Blood gases:                |
 12 | [ ] Ph                              82800 |
 13 | [ ] PO2/PCO2                        82803 |
 14 |                                           |
 15 ||         CPT MODIFIERS DISPLAY       |    |
+         Enter ?? for more actions
EH  Header/Descr/Outline  LN  Straight Line         SD  Save/Discard Changes
BS  Block Size            TA  Text Area                 Edit Form
LT  List                  SH  Shift Contents
DF  Data Field            VD  View w/wo Data (Toggle)
Select Action: Next Screen// LT   List
```

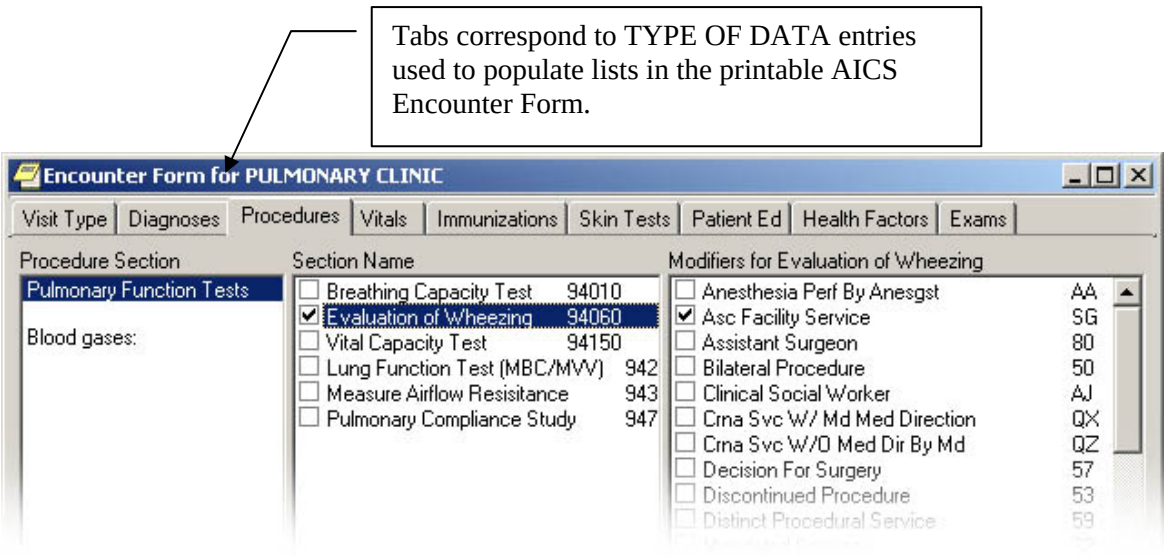
```
EDITING A FORM BLOCK          Sep 07, 2000 08:34:58          Page:    1
of    2
             1         2         3         4         5         6
7
    123456789 123456789 123456789 123456789 123456789 123456789 123456789
123456
  1
____________________________________________________________________________
___
  2 |
PROCEDURES
  3 |         Pulmonary Function Tests          |
  4 | [ ] Breathing Capacity Test         94010 |
  5 | [ ] Evaluation of Wheezing          94060 |
  6 | [ ] Vital Capacity Test             94150 |
  7 | [ ] Lung Function Test (MBC/MVV)    94200 |
  8 | [ ] Measure Airflow Resisitance     94360 |
  9 | [ ] Pulmonary Compliance Study      94750 |
 10 |                                           |
 11 |               Blood gases:                |
 12 | [ ] Ph                              82800 |
 13 | [ ] PO2/PCO2                        82803 |
 14 |                                           |
 15 ||         CPT MODIFIERS DISPLAY       |    |
+         Enter ?? for more actions
>>>

You can create a [N]ew list, edit its [A]ppearance, [D]elete it,
edit its [Co]ntents, [P]osition or size its columns.  Choose from:
[N]ew   [A]ppearance   [D]elete   [C]ontents   [P]osition: C// N  NEW
Select the TYPE OF DATA that the list will contain:
```

Valid choices for the TYPE OF DATA include:

- SELECT VISIT TYPE CPT PROCEDURES
- SELECT ICD-9 DIAGNOSIS CODES
- SELECT CPT PROCEDURE CODES
- SELECT IMMUNIZATIONS
- SELECT SKIN TESTS
- SELECT EDUCATION TOPICS
- SELECT HEALTH FACTORS
- SELECT EXAMS

For example, the Procedures tab is populated from a list with the TYPE OF DATA set to SELECT CPT PROCEDURE CODES as follows:



The items in the first pane correspond to groups within each list.

The items in the Section Name pane correspond to selections within the group that is currently selected. In the Visit Type tab, this pane takes on the name of the section selected.

Only one tab has a Modifiers pane, the Procedures tab. The Modifiers pane is populated with appropriate modifiers based on selections in the Section Name pane. Pre-check modifiers are specified while editing the encounter form. Responding to the CPT MODIFIER prompt in the Add or Edit Selection command does this. This is only applicable while filling in the group contents of lists with TYPE OF DATA set to SELECT CPT PROCEDURE CODES.

Encounter Parameters

Prompting for encounter Entry When Signing a Note

The ORWPCE ASK ENCOUNTER UPDATE parameter determines when encounter information should be requested when signing a note. To fully understand this parameter, we need to first understand how CPRS interprets the terms "Primary" and "Data Needed."

Primary

Is the current user the primary provider for this encounter? If no primary encounter provider has been determined, CPRS attempts to identify one. All possible sources of encounter providers are filtered based on active person class, unless associated with a historical visit. The steps taken in identifying a possible primary encounter provider are (in order):

1. Look at the value of the TIU parameter DEFAULT PRIMARY PROVIDER. This parameter has three possible settings:
   - NONE, DON'T PROMPT
   - DEFAULT, BY LOCATION
   - AUTHOR (IF PROVIDER)

2. If this parameter is set to 1, a possible primary provider is identified as the default provider assigned to the given encounter location. This is determined by looking at the DEFAULT PROVIDER field (sub field #.02) of the PROVIDER multiple (Field #2600) of the HOSPITAL LOCATION file (#44). If the current user is the primary encounter provider for the given location, that user is automatically assigned as the primary encounter provider.
3. If there is still no primary encounter provider defined, CPRS looks at the provider identified with the primary CPRS visit. This is the same provider shown with the current visit, in the patient information bar. If this provider does not have an active person class, or has not been defined, the current user is substituted (provided they have an active person class). CPRS then asks if this user is the primary encounter provider.
4. If there is still no primary encounter provider defined, the TIU parameter DEFAULT PRIMARY PROVIDER is again reviewed. If a provider is identified, either from the encounter location or the author, the user is asked if this individual is the primary encounter provider.

Data Needed

The ORWPCE ASK ENCOUNTER UPDATE parameter uses the term "Data Needed" to represent the fact the PCE data has been requested for the given note title. This is determined by looking at the following criteria:

1. If the date of the encounter is in the future, no PCE data is needed.
2. If the service category is not "A" (Ambulatory), "I" (In Hospital), or "T" (Telecommunications), no PCE data is needed.
3. If the title specific TIU document parameter SUPPRESS DX/CPT ON ENTRY is set to YES, no PCE data is needed.
4. If the encounter is a stand-alone visit, PCE data is needed.

5. If the title specific TIU document parameter ASK DX/CPT ON ALL OPT VISITS is set to YES, PCE data is needed.
6. Otherwise, PCE data is not needed.
7. If it is determined that PCE data is needed for a given encounter, existing PCE entries are examined to determine exactly what is missing. A diagnosis and procedure are always required. Service connected information is required if the title specific TIU document parameter FORCE RESPONSE TO EXPOSURES is set to YES. If all needed data has already been entered, PCE data is not needed for the encounter.

Signing the Note

The ORWPCE ASK ENCOUNTER UPDATE parameter can be set at the user, location, service, division and system levels. When signing a note, this parameter is used to determine if the user should be prompted to enter encounter information, based on one of the possible settings:

0 Primary/Data Needed (Default Setting) - The user will be asked to enter encounter information if they are the primary encounter provider, and if data is needed for the encounter.

1 Primary/Outpatient - The user will be asked to enter encounter information if they are the primary encounter provider, and the service category is “A” (Ambulatory), “I” (In Hospital), or “T” (Telecommunications).

2 Primary Always - The user will be asked to enter encounter information on all encounters, if they are the primary encounter provider.

3 Data Needed - All users will be asked to enter encounter information if data is needed for the encounter.

4 Outpatient - All users will be asked to enter encounter information, if the service category is “A” (Ambulatory), “I” (In Hospital), or “T” (Telecommunications).

5 Always - All users will be asked to enter encounter information on all encounters.

6 Never – The user will never be asked to enter encounter information when signing the note.

7 Disable - The user will never be asked to enter encounter information when signing the note, and the encounter button will be disabled, even when a note is being edited.

Forcing PCE Entry

Once it has been determined that the user should be asked to enter encounter information, a dialog box is displayed, specifying any missing encounter data. If data is not needed, or if the user is not the primary encounter provider, the user will be given “Yes” and “No” buttons that can be used to determine if they want to enter encounter information. Pressing the “Yes” button will allow encounter information to be entered, followed by a continuation of the note signing process. Pressing the “No” button will bypass entry of encounter information, going directly to a continuation of the note signing process.

When data is needed, and the user is the primary encounter provider, the ORWPCE FORCE PCE ENTRY parameter will be checked to determine if the user must fill out all missing encounter information before being allowed to sign the note. If this parameter is set to YES, the user will be prompted “You must enter the encounter information before you can sign the note”, and given “OK” and “Cancel” buttons. Pressing the “Cancel” button will terminate the note signing process, resulting in an unsigned note (the user will be warned that the note was not signed). If this parameter is set to NO, the user will be asked if they want to enter encounter information, and will be given “Yes”, “No” and “Cancel” buttons. Again, pressing the “Cancel” button will terminate the note signing process, resulting in an unsigned note. Pressing the “No” button will allow the note to be signed.

When data is needed, the user is the primary encounter provider, and they go on to enter encounter information, continued checks will be made when exiting the encounter form to determine if there is any missing encounter data. If all missing information has been entered, the user will continue on with the note signing process. If there is missing encounter information, the user will continue to be prompted to enter it, regardless of the ORWPCE FORCE PCE ENTRY setting.

Availability of the Encounter Button

The ORWPCE ANYTIME ENCOUNTERS parameter allows encounter entry even when a note is not being edited. This allows for encounter entry for dictated notes, as well as updating encounters for notes that have already been signed. This parameter can be set at the User, Service, Division, and System levels. When set, the encounter button will appear on the Notes tab just above the New Note button. When pressing the encounter button (and no note is being edited) the user may be asked to specify the encounter to edit, either an encounter associated with the current visit, or the encounter associated with the currently selected note.

Managing Encounter Checkout

The default behavior of any encounter entered through the CPRS GUI is to automatically check out the encounter. Many sites have a workflow environment where this behavior is problematic. By setting the ORWPCE DISABLE AUTO CHECKOUT parameter to yes, encounters entered through the CPRS GUI will only check out if the encounter has a diagnosis, procedure or provider specified for the encounter. Other encounter entries, such as those containing only health factors or education topics, will not check out. With this parameter set, users will not be asked to enter a primary encounter provider when saving encounter information if there is no diagnosis, procedure or provider specified for that encounter. The ORWPCE DISABLE AUTO CHECKOUT parameter can be set at the User, Location, Service, Division, and System levels.

Restricting Encounter Form Entry of Encounter Data

Some types of encounter data can be restricted from entry within the encounter form. This may be needed when specific encounter information should only be entered through reminder dialogs. There are five parameters that allow specific encounter information to be excluded from the "Other" buttons on the encounter form tabs. These parameters are

- ORWPCE EXCLUDE IMMUNIZATIONS
- ORWPCE EXCLUDE SKIN TESTS
- ORWPCE EXCLUDE PATIENT ED
- ORWPCE EXCLUDE HEALTH FACTORS
- ORWPCE EXCLUDE EXAMS

These multi-valued parameters can all be set at the User, Location, Service, Division, and System levels.

Forcing Type of Visit Selection

Normally, when first entering the Visit Type tab of the encounter form, the first Type of Visit defined for that encounter location is automatically selected. For some clinics that see a wide variety of different patient types, this behavior leads to user error where the wrong type of visit is selected. The ORWPCE DISABLE AUTO VISIT TYPE parameter can be set to force the selection of a Type of Visit before allowing selection of an E&M code.

Templates – Access, Storage and Maintenance

The Options menu of the Notes, Consults, and Discharge Summary tabs contains several menu items:

- Edit Templates
- Create New Template
- Edit Shared Templates
- Create New Shared Template
- Edit Template Fields (discussed in the next section)
-

Although each of the first four menu items starts the Template Editor, not all of these menu options may be enabled.

Shared Template Editor Authority

Edit Shared Templates and Create New Shared Template are enabled for members of the CLINICAL COORDINATOR ASU user class. There is a way for sites to open up the editing of shared templates to users outside the CLINICAL COORDINATOR user class (perhaps creating a SHARED TEMPLATE EDITOR user class), but FileMan access is required. To do this, edit the Shared Templates entry in the TIU TEMPLATE file (#8927). This should be the first item in the file (IEN #1), but if, for some reason, it is not item #1, look in the AROOT cross-reference, under the "ROOT" entry, for the Shared Templates IEN. For example:

^TIU(8927,"AROOT","ROOT",1)

The 1 here indicates IEN 1 is the Shared Templates folder.

Using FileMan, modify the value of the EDITOR CLASS field (.07) to point to the ASU user class allowed to edit shared templates. For example:

```
VA FileMan 22.0
Select OPTION: ENTER OR EDIT FILE ENTRIES
INPUT TO WHAT FILE: TIU TEMPLATE// 8927  TIU TEMPLATE  (311 entries)
EDIT WHICH FIELD: ALL// .07  EDITOR CLASS
THEN EDIT FIELD:
Select TIU TEMPLATE NAME: '1  Shared Templates
EDITOR CLASS: CLINICAL COORDINATOR// SHARED TEMPLATE EDITOR
Select TIU TEMPLATE NAME:
```

Personal Template Editor and Use Authority

The Edit Templates and Create New Template menu items are always enabled for those authorized to edit shared templates. For other users, two TIU parameters determine personal template access. These parameters must be set using the XPAR EDIT PARAMETER option. For both of these parameters, valid settings are:

- 0 FULL ACCESS
- 1 READ ONLY
- 2 NO ACCESS

FULL ACCESS allows users to create and use their own personal templates (this is the default setting).

READ ONLY access allows the use of personal templates - i.e. any personal templates appear in the templates drawer, but editing personal templates is not allowed. This is in preparation for when Clinical Coordinators can modify user's personal templates.

NO ACCESS prevents users from editing templates, or using personal templates. Shared templates can still be used (but not edited).

The parameters are:

- TIU PERSONAL TEMPLATE ACCESS parameter can be set by User, Location, Service, Division, or System.
- TIU TEMPLATE ACCESS BY CLASS parameter can hold ASU user classes.

Note that these two parameters work together, in the following precedence order:

Precedence	Parameter
USER	TIU PERSONAL TEMPLATE ACCESS
USER CLASS	TIU TEMPLATE ACCESS BY CLASS
LOCATION	TIU PERSONAL TEMPLATE ACCESS
SERVICE	TIU PERSONAL TEMPLATE ACCESS
DIVISION	TIU PERSONAL TEMPLATE ACCESS
SYSTEM	TIU PERSONAL TEMPLATE ACCESS

There are two other places within the CPRS GUI where personal templates can be created or edited:

1. When right clicking on a template in the templates drawer, menu items of Edit Templates and Create New Template are available. These menu items are only enabled for users with the authority to edit and create personal templates.
2. When right clicking on a note, a popup menu appears with an option to Copy into New Template. This option will create a new personal template, and copy selected text into that template's boilerplate. This menu option is only enabled when text has been selected in the note, and only for users with the authority to edit and create personal templates.

Template Links to Reminder Dialogs

Reminder dialogs (not reminders) can be linked to templates, so that a reminder dialog can be selected from the templates drawer (reminder specific text will not be inserted into the note when the Finish button is pressed). This allows templates to create orders, enter encounter data, vitals, and do everything else that a reminder dialog can do. When a template is defined as a reminder dialog type, a list of reminder dialogs contained in the TIU TEMPLATE REMINDER DIALOGS parameter is then available in the template editor that can be linked to that reminder dialog. This multiple valued parameter can be set at the User, Service, Division, and System levels. Unlike most other parameters, this parameter is cumulative, in that reminder dialogs specified at any level can be linked to a template.

Restricting Allowed Patient Data Objects within Templates

Clinical Application Coordinators can control which patient data objects are available in the templates drawer by inactivating or deleting undesired entries in the shared Patient Data Objects folder. Users that are allowed to create personal templates, however, have access to all active patient data objects. The TIU TEMPLATE PERSONAL OBJECTS parameter can be used to limit the patient data objects available in the template editor for users that cannot create shared templates. Only those objects specified in this parameter will appear in the Insert Patient Data Objects dialog of the template editor. If this parameter is blank, all patient data objects will be available. Note that this parameter is cumulative, in that entries at the User, Service, Division and System levels will all be available to the end user.

Template Import/Export Utility

Following are several items of interest about the Template Import/Export utility available from the tools menu of the template editor:

- Requires Internet Explorer version 5.0 or higher installed on the workstation.
- Templates are imported at the location of the currently selected template, as if the New Template button had been pressed.
- When exporting a template, all children templates are also exported, meaning that the entire Shared Templates or My Templates folders can be exported as a single file.
- If the workstation has Microsoft Word 97 or higher installed, Word documents can be imported and converted to templates. Form Fields in a word document are converted to Template Fields, but there are usually formatting problems with the final result that need manual correction.
- Template Fields in a template are exported with the template.
- Patient Data Objects in a template are not exported with the template.
- When importing a template that contains template fields, any existing template fields with the same name are compared with the fields being imported. If the field definitions differ, the imported fields are renamed (along with the field references in the imported template boilerplate).
- Imported Template Fields are automatically saved after import, even if the imported template is not saved.

Template Fields

The Options menu of the Notes, Consults, and Discharge Summary tabs contains one additional menu item, Edit Template Fields. This menu option is enabled based on the user classes entered in the TIU FIELD EDITOR CLASSES parameter. This multi-valued parameter contains a list of ASU user classes, and can be set at the User, Service, Division and System levels. Users that are members of a user class specified in this parameter are allowed to edit template fields through this menu option. Other users will see this menu option disabled.

If you do not have authorization to edit template fields, you may see this dialog.

The template field warning dialog.

If you press **OK**, the template will be imported without the new fields. If you press **Cancel**, the import process will be cancelled.

Reminder Options

Options: CPRS Reminder Configuration menu.

Options to activate clinical reminders for CPRS:

- *CPRS Cover Sheet Reminder List* (parameter existed prior to this install) Use this option to enter reminders into the ORQQPX SEARCH ITEMS parameter. These reminders will be displayed on the CPRS cover sheet. You can also specify the sequence in which the reminders will be displayed. Set this for users, location, service, division, system, or package. Note that the ORQQPX SEARCH ITEMS parameter is ignored if the ORQQPX NEW REMINDER PARAMS parameter is set to YES (see New Reminders Parameters below.)
- *CPRS Lookup Categories* Use this option to enter reminder categories that will be displayed in the Reminders Available tree list (right-click on reminder button) and the Reminder drawer (on the Notes Tab).
- *Reminder GUI Resolution Active* Use this option to let users process reminders through the CPRS Notes or Consults tabs. This parameter can be set at the user, service, division, or system level. We recommend that you turn this on for a limited number of users to begin with until reminder dialogs are ready for use by clinicians. Users cannot use GUI resolution for a reminder until a reminder dialog is created for the reminder.
- *Mental Health Dialogs Active* Use this option to turn this parameter on for the whole system to enable reminder resolution using mental health dialogs. This will make the appropriate mental health tests available to enter responses in the GUI resolution process. Other access settings include user and division.
- *Progress Note Headers* Use this option to create a special header to distinguish the GUI resolution text generated for progress notes from other progress note text. The default header is “Clinical Reminder Activity.” Set this for users, location, service, division, system, or package.
- *New Reminder Parameters* Use this option to activate cover sheet reminder retrieval from a new set of parameters. These parameters, ORQQPX COVER SHEET REM CLASSES and ORQQPX COVER SHEET REMINDERS contain coded information and should not be edited manually. See the New Cover Sheet Reminder List section for more information on setting up these parameters.

CPRS Reminder Configuration Menu

The options to maintain reminder categories and to implement reminders within CPRS are on this menu (which is on the Clinical Reminders Managers Menu – PXRM REMINDERS MANAGER).

Synonym	Option	Option Name	Description
CA	Add/Edit Reminder Categories	PXRM CATEGORY EDIT/INQUIRE	Reminder categories used by CPRS GUI may be added or changed. A reminder category may contain a list of reminders and/or other sub-categories.
CL	CPRS Lookup Categories	PXRM CPRS LOOKUP CATEGORIES	Reminder Categories to be displayed in the Other folder of the note tab are entered here.
CS	CPRS Cover Sheet Reminder List	PXRM CPRS COVER SHEET LIST	Use this option to enter reminders that will be displayed on the CPRS cover sheet.
MH	Mental Health Dialogs Active	PXRM MENTAL HEALTH ACTIVE	This option allows a user to modify the "Mental Health Active" CPRS parameter. This parameter defines the level to activate to use Mental Health dialogs for reminder resolution processing. When activated for a level, mental health tests in a reminder dialog can be performed.
PN	Progress Note Headers	PXRM PN HEADER	The header inserted into the progress note when processing a reminder may be modified for user, location, or service. The default header is Clinical Reminders Activity.
RA	Reminder GUI Resolution Active	PXRM GUI REMINDERS ACTIVE	This option allows a user to modify the "Reminders Active" CPRS parameter. You can activate GUI reminder resolution processing at a user, division, or system level. When activated for a level, a reminders drawer is available on the notes tab for selecting and processing reminders.
NP	New Reminders Parameters	PXRM NEW REMINDERS PARAMETERS	This option allows a user to modify the ORQQPX NEW REMINDER PARAMS parameter, which controls which parameters are used to store cover sheet reminders.

CPRS Cover Sheet Reminder List (CS)

Use this option to enter reminders that will be displayed on the CPRS Cover Sheet, if the New Reminder Parameters setting is No.

```
Select CPRS Reminder Configuration Menus Option: CS  CPRS Cover Sheet
Reminder List
Clinical Reminders for Search may be set for the following:
     1   User          USR    [choose from NEW PERSON]
     2   Location      LOC    [choose from HOSPITAL LOCATION]
     3   Service       SRV    [choose from SERVICE/SECTION]
     4   Division      DIV    [ISC SALT LAKE]
     5   System        SYS    [DEVCUR.ISC-SLC.VA.GOV]
     6   Package       PKG    [ORDER ENTRY/RESULTS REPORTING]

Enter selection: 1  User   NEW PERSON
Select NEW PERSON NAME: CPRSPROVIDER,TEN      TC

------- Setting Clinical Reminders for Search  for User: CPRSPROVIDER,TEN
Select Display Sequence: ?
     Display Sequence                     Value
     ----------------                     -----
     1                                    VA-DIABETIC FOOT CARE ED.
     2                                    VA-TOBACCO EDUCATION
     5                                    VA-*PNEUMOCOCCAL VACCINE
     10                                   VA-INFLUENZA VACCINE
     15                                   VA-*BREAST CANCER SCREEN
     25                                   TOBACCO USE SCREEN
     30                                   VA-*CHOLESTEROL SCREEN (M)
     35                                   VA-*COLORECTAL CANCER SCREEN
(FOBT)
     40                                   VA-*HYPERTENSION SCREEN

Select Display Sequence: 20
Display Sequence: 20// <Enter>   20
Clinical Reminder:  MENTAL HEALTH TESTS
Select Display Sequence: <Enter>
```

Add/Edit Reminder Categories (CA)

Reminder categories are maintained with this option. A category defines a group of reminders and may include other sub-categories. To activate categories so that they appear in the reminders window in CPRS (under OTHER), use the option CPRS Lookup Categories. Reminder categories are also used in the Reminder Report options.

The first screen in this option displays the existing reminder categories:

```
Selection List                Aug 00, 1999 00:00:00         Page:  1 of
1
Reminder Categories
 Item Reminder Category
   1  DIABETES CLINIC REMINDERS
   2  WEIGHT AND NUTRITION

AD   Add                  PT   List/Print All             QU   Quit
Select Item: Quit//
```

Actions

AD Add a new reminder category.

PT List or print all reminder categories

QU Return to menu

Enter the item number to be edited.

If you select a reminder category, a description and related reminders are displayed. You can then edit the category

```
Edit List                  Apr 00, 2000 00:00:00            Page:    1 of
1
Reminder Category Name: SLC DEMO CATEGORY
Category Description:
    This is the text for that summarizes what this category represents. A
    category may contain reminders and/or a number of sub-categories.
Sequence:  1   Reminder: SLC CANCER SCREEN
Sequence:  2   Reminder: SLC DIABETIC EYE EXAM
Sequence:  3   Reminder: SLC LIFE STYLE EDUCATION
Sequence:  4   Reminder: SLC PNEUMOCOCCAL VACCINE
Sequence: 90   Reminder: SLC DIABETIC FOOT CARE ED
Sequence: 97   Reminder: 571 TEST
Sequence: 98   Reminder: PROVIDER'S DIABETIC REVIEW
Sequence: 99   Reminder: MHTEST

Sub-category: SUBSTANCE ABUSE
     Sequence:  1   Reminder: TOBACCO EDUCATION
     Sequence:  2   Reminder: TOBACCO USE SCREEN
     Sequence:  3   Reminder: VA-*PROBLEM DRINKING SCREEN
+         + Next Screen   - Prev Screen   ?? More Actions
>>>
ED   Edit                     INQ   Inquiry/Print                QU
Quit
Select Action: Quit//ED
```

Actions

ED Edit/Delete this reminder category

INQ List or print this reminder category

QU Return to previous screen.

CPRS Lookup Categories (CL)

Enter the Reminder Categories that you wish to be displayed on the reminder tree section of the note tab. These will appear in the “Other” folder.

```
Select CPRS Reminder Configuration Menus Option: CL  CPRS Lookup
Categories
Reminder Categories for Lookup may be set for the following:
     1   User          USR    [choose from NEW PERSON]
     2   Location      LOC    [choose from HOSPITAL LOCATION]
     3   Service       SRV    [choose from SERVICE/SECTION]
     4   Division      DIV    [ISC SALT LAKE]
     5   System        SYS    [DEVCUR.ISC-SLC.VA.GOV]
     6   Package       PKG    [CLINICAL REMINDERS]

Enter selection: 1  User   NEW PERSON
Select NEW PERSON NAME:  CPRSPROVIDER,TEN      TC

------ Setting Reminder Categories for Lookup  for User: CPRSPROVIDER,TEN
Select Display Sequence: ?

     Display Sequence                     Value
     ----------------                     -----
     1                                    SUBSTANCE ABUSE
     5                                    HEPATITIS C
     10                                   WEIGHT AND NUTRITION
     15                                   SLC REMINDER CATEGORY
     20                                   Usability Test Reminders


Select Display Sequence: 25
Are you adding 25 as a new Display Sequence? Yes//<Enter>   YES
Display Sequence: 25//  <Enter>  25
Reminder Category: ??

Choose from:
   Acute Pain
   Cancer Pain
   Chronic Pain
   HEPATITIS C
   JJL REMINDER CATEGORY
   Pain Management
   SLC REMINDER CATEGORY
   SUBSTANCE ABUSE
   USH POLICY
   Usability Test Reminders
   WEIGHT AND NUTRITION

Reminder Category: JKL REMINDER CATEGORY
         ...OK? Yes// <Enter>  (Yes)
Select Display Sequence: <Enter>
```

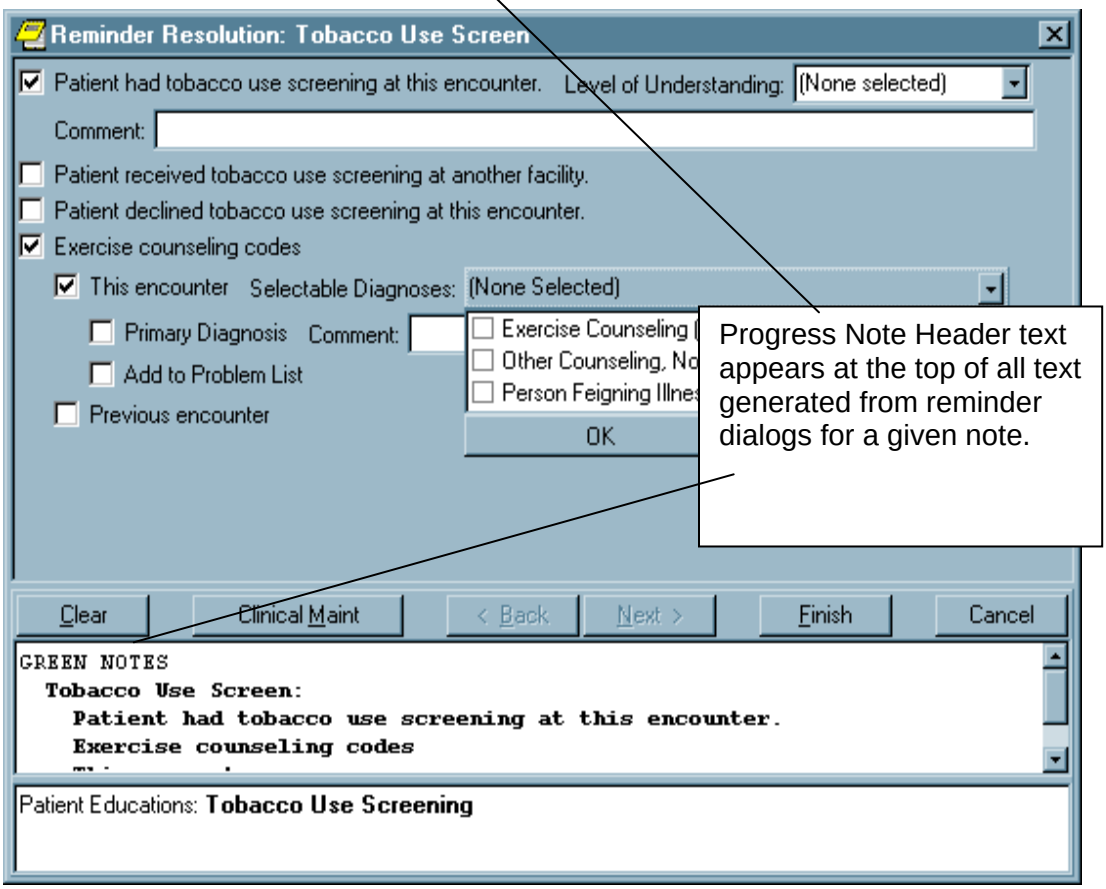
Progress Note Headers (PN)

The header inserted into the progress note when processing a reminder may be modified for user, location, or service. The default header is Clinical Reminders Activity.

```
Select CPRS Reminder Configuration Menus Option: PN  Progress Note
Headers
Progress Note Header may be set for the following:
     1   User          USR    [choose from NEW PERSON]
     2   Location      LOC    [choose from HOSPITAL LOCATION]
     3   Service       SRV    [choose from SERVICE/SECTION]
     4   Division      DIV    [REGION 5]
     5   System        SYS    [DEVCUR.ISC-SLC.VA.GOV]
     6   Package       PKG    [CLINICAL REMINDERS]

Enter selection: 1  User   NEW PERSON
Select NEW PERSON NAME: CPRSPROVIDER,TEN      TC

------------ Setting Progress Note Header  for User: CPRSPROVIDER,TEN —
PROGRESS NOTE HEADER: ?
This response can be free text.
PROGRESS NOTE HEADER: GREEN NOTES
```



Progress Note Header text appears at the top of all text generated from reminder dialogs for a given note.

Reminder GUI Resolution Active (RA)

This option lets you activate GUI reminder resolution processing at a user, division, or system level. When activated, a reminders drawer is available on the notes tab for selecting and processing reminders.

```
Select CPRS Reminder Configuration Menus Option: RA  Reminder GUI
Resolution Active
Reminders Active may be set for the following:
     1   User          USR    [choose from NEW PERSON]
     2   Division      DIV    [ISC SALT LAKE]
     3   System        SYS    [DEVCUR.ISC-SLC.VA.GOV]

Enter selection: 1  User   NEW PERSON
Select NEW PERSON NAME:  CPRSPROVIDER,TEN      TC

-------------- Setting Reminders Active  for User: CPRSPROVIDER,TEN------
REMINDERS ACTIVE: YES// <Enter>
```

Reminder Icon Definitions

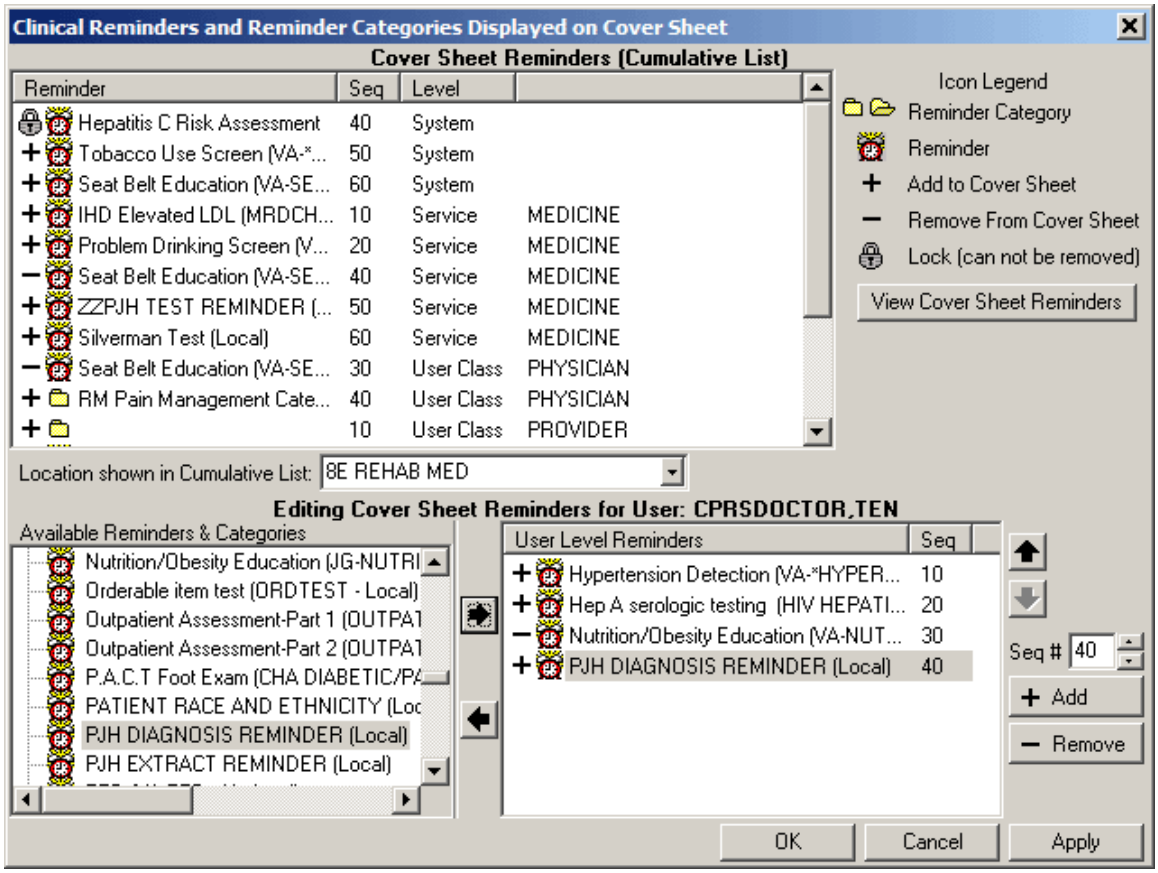
CPRS uses two sources for the lists of reminders, one for cover sheet reminder evaluation (dependent on the New Reminders Parameter setting) and one for the "Other" section of the tree (the PXRM CPRS LOOKUP CATEGORIES parameter). The CPRS GUI combines these two lists into one tree view.

Icon	Description
	Red, ringing alarm clock means that a reminder is due. When present in the reminders button, cover sheet reminders have been evaluated, and there is at least one reminder due.
	Blue, non-ringing alarm clock means that a reminder is not due, but applicable. When present in the reminders button, cover sheet reminders have been evaluated, none of them are evaluated as due, but at least one of them has been evaluated as applicable.
	Wall clock means that a reminder is not applicable. When present in the reminders button, coversheet reminders have been evaluated, but none of them have been evaluated as due or applicable. Reminders that were found in the PXRM CPRS LOOKUP CATEGORIES parameter have been evaluated as not applicable.
	Question mark means that a reminder's status of due, applicable or not applicable has yet to be evaluated. When present on the reminders button, no available reminders have been evaluated. This typically happens when reminders in the ORQQPX SEARCH ITEMS parameter are not defined or have not yet been evaluated.
	Present only in the reminders tree, a dialog icon is displayed in the lower right hand corner of a clock icon when there is a reminder dialog associated with that reminder.
	Present only in the reminders tree, a dialog icon, with a check mark over the dialog, is displayed in the lower right hand corner of a clock icon after the reminder dialog associated with that reminder has been processed. When these reminders are re-evaluated, the check mark is removed.

New Cover Sheet Reminder List

Users that are allowed access to the PXRM CPRS CONFIGURATION menu are allowed to modify the new reminder cover sheet parameters from within the CPRS GUI. This feature is available from the Edit Cover Sheet Reminder List menu option, under the Action menu of the Reminder Tree dialog. This dialog can be accessed even when the New Reminder Parameters setting is No, allowing for the setup of reminders before actually turning them on.

Reminders entered through this dialog are stored in the ORQQPX COVER SHEET REMINDERS and ORQQPX COVER SHEET REM CLASSES parameters. Since these parameters contain coded data, it is important that these parameters are not edited directly (they should only be modified through this dialog). Note that the cover sheet reminders entered through this dialog will only be active on the cover sheet if the ORQQPX NEW REMINDER PARAMS parameter is set.



The dialog consists mainly of three large list fields. The **Cover Sheet Reminders (Cumulative List)** field displays selected information on the Reminders that will be displayed on the Cover Sheet. The **Available Reminders & Categories** field lists all available Reminders and serves as a selection list. The **Level Reminders** field displays the Reminders that you have added to or removed from the cumulative list at a specified level.

You may sort the Reminders in the **Cover Sheet Reminders (Cumulative List)** field by clicking on any of the column headers. Click on the Seq (Sequence) column header to view the Reminders in the order in which they will be displayed on the Cover Sheet.

An icon legend is displayed to the right of the **Cover Sheet Reminders (Cumulative List)** field. A folder icon represents a Reminder Category while a red alarm clock represents an individual Reminder. A Reminder with a plus sign in the first column has

been added to the list while a Reminder with a minus sign in the first column has been removed from the list, if it was specified at a higher level. A Reminder with a padlock in the first column has been added to the cover sheet list, and is locked in place, so that settings at lower levels cannot remove the reminder.

Cover Sheet Reminders (Cumulative List)

The Level column of the Cover Sheet Reminders (Cumulative List) field displays the originating authority of the Reminder, which can include System, Division, Service, Location, User Class, and User. The Seq (Sequence) column defines the order in which the Reminders will be displayed on the Cover Sheet. If there are two or more Reminders with the same sequence number, the Reminders will be listed by level (System, Division, Service, Location, User class, User).

Select Cover Sheet Parameter Level to Display / Edit

This area of the dialog allows selection of the level you want to modify. For example, if you want to set reminders at the system level, click on the System radio button. All but the system level have accompanying drop down boxes that allow selection of the Division, Service, Location, User Class or User. These settings also determine the list that is displayed in the Cover Sheet Reminders List. Note that, when not editing a specific user class, the User Class combo box will usually remain blank. This allows all user classes to be displayed for which the specified user is a member of.

Available Reminders & Categories

This field displays all of the Reminders and Reminder Categories available to the user. Notice that the reminder name is in parentheses after the print name. Categories are groups of related Reminders that can be added as a group. When editing a specific level of cover sheet reminders, highlight a Reminder or Category from the Available Reminders & Categories field and click the right arrow to add them to the cover sheet reminders defined at that level.

Level Reminders

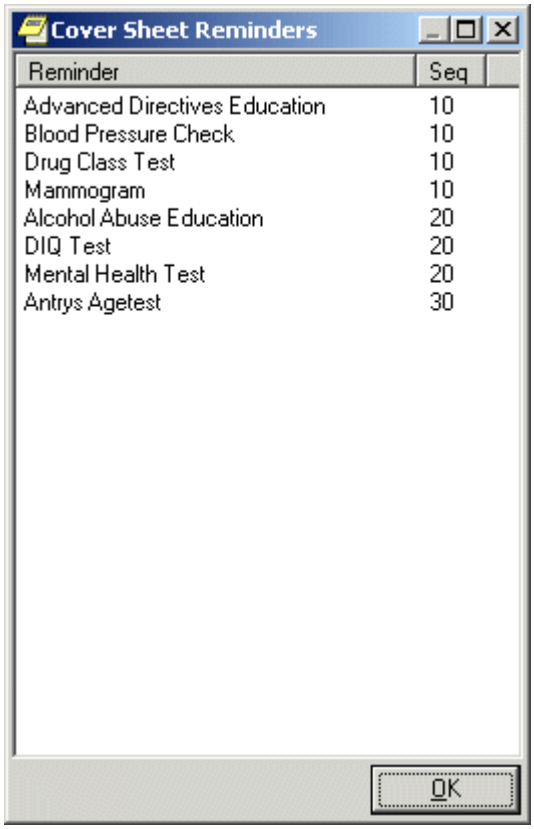
This field displays all cover sheet Reminders defined for the current level. To add a Reminder to this list, highlight the desired Reminder in the Available Reminders & Categories field and click the right arrow button. To delete a Reminder from this list, highlight the Reminder in the Level Reminders field and click the left arrow.

You may determine the order in which the Reminders will be displayed on the Cover Sheet by changing the Reminder's Sequence number. To change the order of User Level Reminders, highlight Reminders and click the up arrow or down arrow until the desired order is achieved.

You may remove any higher level Reminders that are not locked by adding the Reminder to the current level, and clicking the Remove button, which places a minus sign in front of the reminder. You can lock a reminder at any level (other than the User level) by pressing the Lock button.

Cover Sheet Reminders

Once you have the Cumulative List, as you want it, click **View Cover Sheet Reminders** to view how the reminders will be displayed on your Cover Sheet for the specified levels.



Once you have made all of the desired changes to the Reminders that will be displayed on the Cover Sheet, click OK.

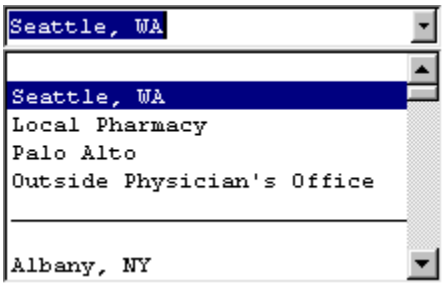
Reminder Dialog Outside Location Prompts

Within portions of a reminder dialog where historical encounter information is entered, a new parameter, ORQQPX DEFAULT LOCATIONS, can be set up to define default outside locations for the PXRM OUTSIDE LOCATION prompt (PXRM OUTSIDE LOCATION is a reminder dialog prompt that is exported with the reminders package). Each free text entry in this multi-valued parameter will appear at the top of the list of locations in the drop down list. If a number is entered as the free text value, CPRS will attempt to locate an entry in the Institution file (#4) with the same internal entry number.

For example, a parameter setting like this:

```
Display Sequence          Value
----------------          -----
     1                    663
     2                    Local Pharmacy
     3                    640
     4                    Outside Physician's Office
```

Will result in an outside location drop down list like this:



Note that Seattle, WA and Palo Alto are entries in the institution file with internal entry numbers of 663 and 640, respectively.

Placing Reminder Dialog Generated Text

The default behavior of reminder dialogs is to insert any text generated by the reminder dialog at the bottom of the current note. When the ORQQPX REMINDER TEXT AT CURSOR parameter is set, text will be inserted at the current cursor location.

Configuring the Mental Health DLL Used with Reminders

In order to use the Mental Health dynamic link library (YS_MHA.dll), some set up is necessary. A clinical application coordinator (CAC) or other individual at the site must ensure the following items have been done correctly:

- The Mental Health DLL (YS_MHA.DLL) must be placed in the \program files\vista\common directory. On the workstation, this is usually located at c:\program files\vista\common files\
- The user must be given the YSBROKER1 menu option as a secondary menu. All users can be given this menu option because if the users do not have the appropriate key, they cannot use the restricted psychological assessment tools.
- Individuals who will administer the psychological assessments must be given the YSP key.
  Note: The YSP key belongs to the Mental Health package and is only necessary for a few test. This key is not new, but the individual using the new Mental Health assessments must hold the key.)
- The parameter OR USE MH DLL must be set to YES. This parameter should only be set to No if CPRS and the new Mental Health .dll are not working correctly together. This parameter is automatically set the YES when CPRS v.27 (OR*3.0*243) is installed.

For additional information, please see the Mental Health and Clinical Reminders manuals.

Customizing the Mental Health Assessments Pop-Up Message Text

The CPRS GUI has an informational pop-up in which sites can define text that will display to the user when the Mental Health assessment is completed. Sites define the text for the pop-up at the same time that they define the text that will go into the progress note for the result element. For more information on how to define the text for this dialog, please see the Clinical Reminders documentation.

Consults Tab Settings

Criteria Used to Determine Requests Displayed in List

The parameter ORCH CONTEXT CONSULTS contains information used to limit or customize the list of consult requests displayed to the user. This parameter is used by both the CPRS GUI and List Manager versions. It can be set by SYSTEM and by USER.

The parameter's value is a semicolon-delimited string, the pieces of which contain the following:

a;b;c,c,c;d;e;f (example: T-90;T;5,6,8;4;S;1)

a. Begin date

b. End date

c. Status (pointer to ORDER STATUS file (#100.01); can be multiple statuses as a comma-separated list)

d. Service (pointer to CONSULT SERVICES file (#123.5))

e. Group tree view by service (V), status (S) or type (T). Grouping by Type separates consults and procedures.

f. Order of consults in tree view. Either reverse chronological (0) or chronological

The user-level value for this parameter can be set using the "Custom View" menu and saving the selected options as the default.

Access Determinations

The following fields in the REQUEST SERVICES file (#123.5) determine all user access to Consults tab actions. See Consults 3.0 documentation for detailed explanations of these fields.

- UPDATE USERS W/O NOTIFICATIONS
- UPDATE TEAMS W/O NOTIFICATIONS
- ADMINISTRATIVE UPDATE USERS
- ADMINISTRATIVE UPDATE TEAMS
- UPDATE USER CLASSES W/O NOTIFS
- SPECIAL UPDATES INDIVIDUAL

A Consults package API, **CPRS^GMRCACTM(Consult IEN),** evaluates the user and the above fields, and returns access level information for the user for a given consult and consult service. DUZ is expected to be set to that of the user being evaluated. The integer result is returned in the first piece of an **ORFLG(Consult IEN)** array element. Possible return values, and the Consults package menu options they allow, are as follows:

1. GMRCACTM USER REVIEW SCREEN - simple actions. This user can basically only display information about the selected consult, or add a comment.
2. GMRCACTM SERVICE ACTION menu - all actions possible for an update user in the selected consult's service. This user has full access to all GUI menu

options for this consult, including entering results via a TIU document. The exception is the “Administrative Complete” menu option, which is reserved for category (3) below.

3. GMRCACTM ADMIN ACTION menu - administrative user. Administrative users have access to all consult tracking options, but do not have access to the TIU result options. They are still able to complete the selected consult via the separate “Administrative Complete” tracking menu option.
4. User has the same access as if both 2 and 3 were in effect.

The second "^" piece of the **ORFLG(Consult IEN)** array element contains the text version of the user's access level, and the third piece lists the service and field from which this access level is derived. This may be the service of the currently selected consult, or a parent service in the service hierarchy. Access to these text values is currently available for debugging via the "Last Broker Call" option on the Help menu.

Setting New Request Parameters

The “New Consult” and “New Procedure” buttons, as well as the “New…” menu option, (Action | New) can be linked to a specified order dialog, quick order, or order menu, resulting in behavior identical to ordering via the Orders tab. As exported, clicking on the buttons will display the generic consults or procedures ordering dialog. By changing the value of the parameters ORWDX NEW CONSULT or ORWDX NEW PROCEDURE, this default behavior can be modified and customized by SYSTEM, LOCATION, and USER.

These parameters cannot be directly changed using the GUI, and must be modified using the Parameter Tools menu options. Any existing order dialog, quick order, or order menu can be assigned to the parameter, at any of the three levels. A common practice is to assign the same consults or procedures order menu to the buttons as is used on the Orders tab. This provides consistent functionality, and two ways to access the same lists of quick orders.

There is currently no available way to disable the buttons entirely. A common method of effectively disabling the buttons is to create an order menu consisting of only a text entry. That entry should advise the user that ordering is only available via the Orders tab. Assign that menu to the appropriate parameter, and the menu text will be displayed to the user when the button is selected.

Discharge Summary Tab Settings

Requirements for Admission and Attending

Creating a new discharge summary differs from creating a new progress note in two main areas.

First, every discharge summary must be linked to a hospital admission. The document properties dialog that is initially displayed when creating a new summary contains a list of admissions to which the new document can be linked. In the GUI, there is currently an enforced limit of one discharge summary per admission episode. The TIU document parameters defined for the DISCHARGE SUMMARY document class allow a setting of multiple documents per admission, but the GUI does not currently use this setting.

Secondly, for discharge summaries, the patient's attending physician is always the expected cosigner of the document, and this co-signature is required in all cases. The document properties dialog displayed on creation of a new summary contains a selection box labeled "Attending" to set this value. There is no default value for this selection box.

An attending physician must be selected from the list of active users possessing the PROVIDER key. When you click OK, the selected attending physician is checked against the USER CLASS file to determine the presence of a currently active membership in the PROVIDER user class.

Criteria Used to Determine Summaries Shown in List

The parameter ORCH CONTEXT SUMMRIES contains information used to limit or customize the list of summaries displayed to the user. This parameter is used by both the CPRS GUI and List Manager versions. It can be set by SYSTEM and by USER. The parameter's value is a semicolon-delimited string, the pieces of which contain the following:

a;b;c;d;e;f;g;h;i;j;k;l Example: **T-90;T;1;1329;20;1;A;1;1;T;B;test**

a	Begin date
b	End date
c	Status (pointer to the TIU STATUS file (#8925.6))
d	Author (pointer to the NEW PERSON file (#200))
e	Occurrence Limit - The number of notes actually shown by default is determined by using the Occurrence Limit from the parameter, and then, if not present, the NUMBER OF NOTES ON REV SCREEN from TIU preferences.
f	If present and non-zero, show subject in notes list.
g	Sort notes in list view by visit date (D), author (A), title (T), location (L), or subject (S).
h	If present and non-zero, sort tree view chronologically, otherwise reverse chronologically.
i	If present and non-zero, sort list view chronologically, otherwise reverse chronologically.

j Group notes in treeview by visit date (D), author (A), title (T), or location (L).

k Field to search for keyword in (l). Subject (S), Title (T), or Both (B).

l Keyword to search for in fields defined in (k).

The user-level value for this parameter can be set using the “Custom View” menu and saving the selected options as the default.

Labs Tab Settings

The Labs tab is only used for reviewing lab results. Ordering is done from the Orders tab. You cannot make configuration changes to add other reports to the Labs tab.

The reports correspond to reports in the Lab package.

Remote Data Views are also available from the Labs tab. They are discussed in the Remote Data View section.

Labs Reports

These reports are hard-coded specifically for the GUI:

Report	Description
Most Recent	Similar to Interim Report but displayed in a table format. Displays one collection at a time.
Cumulative	Routine similar to Lab's Cumulative (chart copy)
All Tests by Date	Routine similar to Lab's Interim Report
Selected Tests by Date	Routine similar to Lab's Interim Report for Selected Tests
Worksheet	Similar to Lab's General Report and LRUMD options also graphing and viewing only abnormal results (with features of Edit/Print/Display Pre-selected Lab Tests and Graphing)
Graph	Similar to Lab's Graph Report (1 test)
Microbiology	Routine similar to Lab's Micro Report used on Interim

These reports use a HOST file to display results:

Report	Description
Anatomic Pathology	Lab's AP Report
Blood Bank	Lab's Blood Bank Report
Lab Status	Similar to Lab's Order Test Status Report

Reports tab

The Reports tab has a collection of reports that are available to review. The following parameters are used in the Reports Tab:

ORCH CONTEXT REPORTS – This parameter is used when the imaging report is selected to determine the date range and occurrence limits of the reports to display for selection. This parameter can be set at the SYSTEM and USER levels.

Example value: **T-365;T;;;10**

This example value has a date range from a year ago (T-365) to today (T).

Remote Data Views are also viewable from the Reports tab (discussed later).

Host file setup

Many of the reports use the same M code for display in the GUI and display to terminal based applications. Using a HOST file to act as a buffer to hold the report does this. The code uses the same M write commands and spacing as if writing to a printer or screen display. The data in the host file is then read into a global using %ZISH utilities provided by Kernel. The global can then be passed back to the GUI application via the RPC Broker or used for conventional reporting (e.g. List Manager). This allows report changes to affect both the GUI and screen displays.

Health Summary Configuration

ORWRP HEALTH SUMMARY LIST ALL – Used on the Health Summary report to present all health summary types for selection. This parameter can be set by SYSTEM, DIVISION or USER.

ORWRP HEALTH SUMMARY TYPE LIST – Used on the Health Summary report to determine the sequence and allowable health summary types for selection. This parameter can be set by SYSTEM and USER.

Daily Order Summary

The term Daily refers to a user specified date on which orders were entered. Any orders entered on the specified date will appear on the Daily Order Summary.

Improving Graphing Performance: Graphing Resource Device

CPRS v27 has improved performance on graphing patient data by using a “cache” that gathers and temporarily stores the patient’s data in advance of using graphing functions.

Using the cache avoids always fetching the data. When caching is not used, the graphing functions extract data when items are selected, which can be time-consuming.

Caching is only used under specific conditions and is transparent to the user. Caching happens only when a user has previously graphed results on a specific patient. When Provider A is reviewing Patient Z for the first time, graphing will extract data only when items are selected. If Provider A selects Patient Z again and uses graphing, the following sequence happens:

1. A job is started in the background, this job checks to see if the patient already has cached data.
   - If the patient has cached data, then only recent data is extracted to update that cache.
   - If there is no cached data, then all data on the patient is extracted to create a new cache. This ensures that the cache has all data on the patient.
2. The cache is transferred to the CPRS application for use with graphing.
3. While the user is graphing patient data, the application continuously checks if the cache has been transferred (if there is new data), and if it has it uses that new data. Otherwise, continues using the old method of extracting from selected items.

In order to make sure that there is not excessive system processing of extracting data, a new resource device (ORWG GRAPHING RESOURCE) is included in CPRS v27. It is initially set to only allow 3 processes to be running at one time. The Resource Slots field can be changed to allow more or less processes to occur.

```
NAME: ORWG GRAPHING RESOURCE            $I: ORWG GRAPHING RESOURCE
  LOCATION OF TERMINAL: CPRS GUI graphing data retrieval
  RESOURCE SLOTS: 3                     SUBTYPE: P-OTHER
  TYPE: RESOURCES
```

Printing

Assigning a Default CPRS Printer

You can designate which printer should be the default printer for a CPRS user and for the printing of orders, such as chart copy, work copy, and labels. You should know three things about printing in CPRS:

1. Graphs and popup windows of detailed displays can ONLY be printed to a Windows printer.
2. Printing of orders is affected by a different set of parameters than the default printer for other items that can be printed from the chart.
3. When a user selects a printer during a print operation, that printer remains the default for the session unless the user selects a different printer or logs out and logs back in, which will change back to the saved defaults. They can also click the checkbox on the dialog to make the selected printer their default.

The two parameters that affect printer selection:

- ORWDP DEFAULT PRINTER
- ORWDP WINPRINT DEFAULT

Setting a Default Printer

The parameter ORWDP DEFAULT PRINTER allows a default printer to be set at the LOCATION and USER levels. Setting this parameter to an entry in the DEVICE file will cause that device to be selected as the default in all VISTA printer selection dialogs. The one exception is the Orders Print dialog. Because other parameters related to printing orders come into play in that case, the default printer defined here does not apply to printing orders. Those parameters are described in more detail below.

The session default printer, i.e., the most recently used printer, takes precedence over the value set in this parameter.

The check box on the printer dialog allows the individual user to set this parameter at the USER level without the need to use the roll-and-scroll parameter tools options.

Setting a Windows Printer as a User's Default Printer

You can designate a local, Windows, or network printer as the default. The parameter ORWDP WINPRINT DEFAULT can be set at the SYSTEM, LOCATION, and USER LEVEL.

If this parameter is set to TRUE, the default Windows printer for each workstation will be used as the default printer for all printing tasks except orders. When a user clicks on **File | Print**, CPRS displays the standard Windows print dialog instead of the VISTA printer selection dialog, and any output will be sent to the selected Windows printer.

Also, if "Windows Printer" is selected on the VISTA printer selection dialog, and the "Save as User Default" checkbox is checked, this parameter will be set to TRUE for the user.

Note: As described above, selecting a Windows printer, regardless of whether it is the default, will result in that printer becoming the default printer for the session or until another printer is selected. When a user select a Windows printer, the VISTA printer selection dialog no longer appears. A VISTA printer cannot be selected. To select a VISTA printer, the user must click on **File | Print Setup** and choose the desired VISTA printer.

Graphs and popup windows of detailed displays can ONLY be printed to a Windows printer. For these items, the Windows print dialog will appear regardless of any default printer settings.

Setting Up Orders Printing

The Print/Report Parameters option sets up the printing of orders and is accomplished via the OR PARAM PRINTS parameter on the Clinical Coordinators menu. There should be no need to edit the parameters directly. The parameters affected are as follows:

- ORPF CHART COPY PRINT DEVICE
- ORPF PROMPT FOR CHART COPY
- ORPF PROMPT FOR WORK COPY
- ORPF WORK COPY PRINT DEVICE
- ORPF PROMPT FOR REQUISITIONS
- ORPF REQUISITION PRINT DEVICE
- ORPF PROMPT FOR LABELS
- ORPF LABEL PRINT DEVICE
- ORCL NATURE

ORPF Prompt for Chart Copy and ORPF Prompt for Work Copy

ORPF Prompt For CHART Copy and ORPF Prompt For WORK Copy parameters affect the checkbox and the “Change” button for each copy type.

Possible Values:

1. PROMPT AND ASK DEVICE
   - Checkbox will be unchecked and enabled.
   - “Change” button will be enabled.
2. PROMPT BUT DON’T ASK DEVICE
   - Checkbox will be unchecked and enabled.
   - “Change” button will be disabled.
3. DON’T PROMPT
   - Checkbox will be checked and disabled.
   - “Change” button will be disabled.
   - Print type will be highlighted in reverse video.
4. DON’T PRINT
   - Checkbox will be unchecked and disabled.
   - “Change” button will be disabled.

If none of the copy types are set up to require any prompting, the print dialog will not be displayed, and the appropriate copies will simply be printed or not, depending on the values of the respective parameters.

Highlighted items will always print, regardless of the method used to exit the print dialog. They have been defined to print in all cases without prompting.

Print formats are defined in the OE/RR PRINT FORMATS file (#100.23). The parameters ORPF CHART COPY FORMAT and ORPF WORK COPY FORMAT determine which of the pre-defined formats will apply to a given copy type, for both the GUI and CPRS List Manager. If no print format is defined for the specific type of copy, the checkbox and the change button will be disabled in the GUI, and no device will be selected.

ORPF CHART COPY PRINT DEVICE and ORPF WORK COPY PRINT DEVICE

The ORPF CHART COPY PRINT DEVICE and ORPF WORK COPY PRINT DEVICE Parameters determine which, if any, device appears in the device selection box as the default.

ORCL NATURE

For each Nature of Order, CPRS can be configured through the Print Parameters for Nature of Order menu item to print a chart copy, print on the daily summary, or print a work copy and whether or not the specified nature of order should show under Active orders on the Orders tab. If the Nature of Order is configured to print, then the other parameters in the list above are checked to determine if CPRS should present the user with the dialog asking whether the user wants to print the copy or to which device the copy should be sent.

Note: Previously, these options for each Nature of Order could be set using Fileman, but Fileman access to these options will no longer be allowed. The menu item Print Parameters for Nature of Order is the only way to set these options.

The following four fields in the NATURE OF ORDER file (#100.02) can be edited through this option:

- PRINT CHART COPY (#.12)
- PRINT DAILY SUMMARY (#.13)
- PRINT WORK COPY (#.15)
- INCLUDE IN ACTIVE ORDERS (#.16)

Below is a sample execution of the new option:

```
Select Print/Report Parameters Option: NA  Print Parameters for Nature of
Order

Select NATURE OF ORDER: AUTO       A
PRINT CHART COPY: NO//
PRINT DAILY SUMMARY: NO//
PRINT WORK COPY: NO//
INCLUDE IN ACTIVE ORDERS: NO//

Select NATURE OF ORDER:
```

Appendix A - RPC's

Remote procedure calls (RPCs) have the OR namespace in the Remote Procedure file. This listing shows the RPCs for patch 10 listed alphabetically with the tag and M routine. The GUI will call these M procedures using the RPC Broker.

These calls are not public utilities and may be subject to change in the future. A FileMan inquiry on the RPC entry in the Remote Procedure file will display other information.

All of these RPCs must be included in the OR CPRS GUI CHART option for users to use the GUI.

RPC	TAG	ROUTINE	PATCH #
ORB DELETE ALERT	DEL	ORB3FUP1	
ORB FOLLOW-UP ARRAY	GUI	ORB3FUP1	
ORB FOLLOW-UP STRING	GUI	ORB3FUP1	
ORB FOLLOW-UP TYPE	TYPE	ORB3FUP1	
ORB SORT METHOD	SORT	ORQORB	
ORK TRIGGER	EN	ORKCHK	
ORQ NULL LIST	NLIST	ORQPTQ2	
ORQOR DETAIL	DETAIL	ORWOR	
ORQOR LIST	LIST	ORQOR1	
ORQORB SORT	SORT	ORQORB	
ORQPT ATTENDING/PRIMARY	ATTPRIM	ORQPTQ3	
ORQPT CLINIC PATIENTS	CLINPTS	ORQPTQ2	
ORQPT CLINICS	CLIN	ORQPTQ2	
ORQPT DEFAULT LIST SORT	DEFSORT	ORQPTQ11	
ORQPT DEFAULT LIST SOURCE	DEFSRC	ORQPTQ11	
ORQPT DEFAULT PATIENT LIST	DEFLIST	ORQPTQ11	
ORQPT PATIENT TEAM PROVIDERS	TPTPR	ORQPTQ1	
ORQPT PROVIDER PATIENTS	PROVPTS	ORQPTQ2	
ORQPT PROVIDERS	PROV	ORQPTQ2	
ORQPT SPECIALTIES	SPEC	ORQPTQ2	
ORQPT SPECIALTY PATIENTS	SPECPTS	ORQPTQ2	
ORQPT TEAM PATIENTS	TEAMPTS	ORQPTQ1	
ORQPT TEAMS	TEAMS	ORQPTQ1	
ORQPT WARD PATIENTS	WARDPTS	ORQPTQ2	
ORQPT WARDRMBED	WRB	ORQPTQ3	
ORQPT WARDS	WARD	ORQPTQ2	
ORQQAL DETAIL	DETAIL	ORQQAL	
ORQQAL LIST	LIST	ORQQAL	
ORQQAL LIST REPORT	LRPT	ORQQAL	

RPC	TAG	ROUTINE	PATCH #
ORQQCN ADDCMT	CMT	ORQQCN2	
ORQQCN ADMIN COMPLETE	ADMCOMPL	ORQQCN2	
ORQQCN ASSIGNABLE MED RESULTS	GETMED	ORQQCN3	
ORQQCN ATTACH MED RESULTS	MEDCOMP	ORQQCN3	
ORQQCN CANEDIT	CANEDIT	ORQQCN1	
ORQQCN DEFAULT REQUEST REASON	DEFRFREQ	ORQQCN2	
ORQQCN DETAIL	DETAIL	ORQQCN	
ORQQCN DISCONTINUE	DC	ORQQCN1	
ORQQCN EDIT DEFAULT REASON	EDITDRFR	ORQQCN2	
ORQQCN FIND CONSULT	FINDCSLT	ORQQCN1	
ORQQCN FORWARD	FR	ORQQCN1	
ORQQCN GET CONSULT	GETCSLT	ORQQCN1	
ORQQCN GET MED RESULTS DETAILS	DISPMED	ORQQCN3	
ORQQCN GET ORDER NUMBER	GETORDER	ORQQCN1	
ORQQCN GET PROC SVCS	PROCSVCS	ORQQCN1	
ORQQCN GET SERVICE IEN	SVCIEN	ORQQCN2	
ORQQCN LIST	LIST	ORQQCN	
ORQQCN LOAD FOR EDIT	EDITLOAD	ORQQCN1	
ORQQCN MED RESULTS	MEDRSLT	ORQQCN2	
ORQQCN PRINT SF513	PRT513	ORQQCN2	
ORQQCN PROVDX	PROVDX	ORQQCN2	
ORQQCN RECEIVE	RC	ORQQCN1	
ORQQCN REMOVABLE MED RESULTS	GETRES	ORQQCN3	
ORQQCN REMOVE MED RESULTS	REMOVE	ORQQCN3	
ORQQCN RESUBMIT	RESUBMIT	ORQQCN1	
ORQQCN SET ACT MENUS	SETACTM	ORQQCN1	
ORQQCN SF513 WINDOWS PRINT	WPRT513	ORQQCN2	
ORQQCN SHOW SF513	SHOW513	ORQQCN2	
ORQQCN SIGFIND	SIGFIND	ORQQCN2	
ORQQCN STATUS	STATUS	ORQQCN2	
ORQQCN SVC W/SYNONYMS	SVCSYN	ORQQCN2	
ORQQCN SVCLIST	SVCLIST	ORQQCN2	
ORQQCN SVCTREE	SVCTREE	ORQQCN2	
ORQQCN URGENCIES	URG	ORQQCN1	
ORQQCN2 GET CONTEXT	GETCTXT	ORQQCN2	
ORQQCN2 GET PREREQUISITE	PREREQ	ORQQCN2	
ORQQCN2 SAVE CONTEXT	SAVECTXT	ORQQCN2	
ORQQCN2 SCHEDULE CONSULT	SCH	ORQQCN2	

RPC	TAG	ROUTINE	PATCH #
ORQQLR DETAIL	DETAIL	ORQQLR	
ORQQLR SEARCH RANGE INPT	SRIN	ORQQLR	
ORQQLR SEARCH RANGE OUTPT	SROUT	ORQQLR	
ORQQPL ADD SAVE	ADDSAVE	ORQQPL1	
ORQQPL AUDIT HIST	HIST	ORQQPL2	
ORQQPL CHECK DUP	DUP	ORQQPL1	
ORQQPL CLIN FILTER LIST	GETCLIN	ORQQPL3	
ORQQPL CLIN SRCH	CLINSRCH	ORQQPL1	
ORQQPL DELETE	DELETE	ORQQPL2	
ORQQPL DETAIL	DETAIL	ORQQPL	
ORQQPL EDIT LOAD	EDLOAD	ORQQPL1	
ORQQPL EDIT SAVE	EDSAVE	ORQQPL1	
ORQQPL INACTIVATE	INACT	ORQQPL2	
ORQQPL INIT PT	INITPT	ORQQPL1	
ORQQPL INIT USER	INITUSER	ORQQPL1	
ORQQPL LIST	LIST	ORQQPL	
ORQQPL PROB COMMENTS	GETCOMM	ORQQPL2	
ORQQPL PROBLEM LEX SEARCH	LEXSRCH	ORQQPL1	
ORQQPL PROBLEM LIST	PROBL	ORQQPL3	
ORQQPL PROV FILTER LIST	GETRPRV	ORQQPL3	
ORQQPL PROVIDER LIST	PROVSRCH	ORQQPL1	
ORQQPL REPLACE	REPLACE	ORQQPL2	
ORQQPL SAVEVIEW	SAVEVIEW	ORQQPL2	
ORQQPL SERV FILTER LIST	GETSRVC	ORQQPL3	
ORQQPL SRVC SRCH	SRVCSRCH	ORQQPL1	
ORQQPL UPDATE	UPDATE	ORQQPL1	
ORQQPL USER PROB CATS	CAT	ORQQPL3	
ORQQPL USER PROB LIST	PROB	ORQQPL3	
ORQQPL VERIFY	VERIFY	ORQQPL2	
ORQQPP LIST	LIST	ORQQPP	
ORQQPS DETAIL	DETAIL	ORQQPS	
ORQQPS LIST	LIST	ORQQPS	
ORQQPX GET DEF LOCATIONS	GETDEFOL	ORQQPX	
ORQQPX GET FOLDERS	GETFLDRS	ORQQPX	
ORQQPX GET HIST LOCATIONS	HISTLOC	ORQQPX	
ORQQPX IMMUNE LIST	IMMLIST	ORQQPX	
ORQQPX LVREMLIST	LVREMLST	ORQQPX	
ORQQPX NEW COVER SHEET ACTIVE	NEWCVOK	ORQQPX	

RPC	TAG	ROUTINE	PATCH #
ORQQPX NEW COVER SHEET REMS	REMLIST	ORQQPX	
ORQQPX NEW REMINDERS ACTIVE	NEWACTIV	ORQQPX	
ORQQPX REM INSERT AT CURSOR	INSCURS	ORQQPX	
ORQQPX REMINDER DETAIL	REMDET	ORQQPX	
ORQQPX REMINDERS LIST	REMIND	ORQQPX	
ORQQPX SAVELVL	SAVELVL	ORQQPX	
ORQQPX SET FOLDERS	SETFLDRS	ORQQPX	
ORQQPXRM DIALOG ACTIVE	ACTIVE	ORQQPXRM	
ORQQPXRM DIALOG PROMPTS	PROMPT	ORQQPXRM	
ORQQPXRM EDUCATION SUBTOPICS	EDS	ORQQPXRM	
ORQQPXRM EDUCATION SUMMARY	EDL	ORQQPXRM	
ORQQPXRM EDUCATION TOPIC	EDU	ORQQPXRM	
ORQQPXRM MENTAL HEALTH	MH	ORQQPXRM	
ORQQPXRM MENTAL HEALTH RESULTS	MHR	ORQQPXRM	
ORQQPXRM MENTAL HEALTH SAVE	MHS	ORQQPXRM	
ORQQPXRM PROGRESS NOTE HEADER	HDR	ORQQPXRM	
ORQQPXRM REMINDER CATEGORIES	CATEGORY	ORQQPXRM	
ORQQPXRM REMINDER DETAIL	REMDET	ORQQPXRM	
ORQQPXRM REMINDER DIALOG	DIALOG	ORQQPXRM	
ORQQPXRM REMINDER EVALUATION	ALIST	ORQQPXRM	
ORQQPXRM REMINDER INQUIRY	RES	ORQQPXRM	
ORQQPXRM REMINDER WEB	WEB	ORQQPXRM	
ORQQPXRM REMINDERS APPLICABLE	APPL	ORQQPXRM	
ORQQPXRM REMINDERS UNEVALUATED	LIST	ORQQPXRM	
ORQQVI NOTEVIT	NOTEVIT	ORQQVI	
ORQQVI VITALS	FASTVIT	ORQQVI	
ORQQVI VITALS FOR DATE RANGE	VITALS	ORQQVI	
ORQQVI1 DETAIL	DETAIL	ORQQVI1	
ORQQVI1 GRID	GRID	ORQQVI1	
ORQQVI2 VITALS HELP	HELP	ORQQVI2	
ORQQVI2 VITALS RATE CHECK	RATECHK	ORQQVI2	
ORQQVI2 VITALS VAL & STORE	VALSTORE	ORQQVI2	
ORQQVI2 VITALS VALIDATE	VALIDATE	ORQQVI2	
ORQQVI2 VITALS VALIDATE TYPE	VMTYPES	ORQQVI2	
ORQQVS DETAIL NOTES	DETNOTE	ORQQVS	
ORQQVS DETAIL SUMMARY	DETSUM	ORQQVS	
ORQQVS VISITS/APPTS	VSITAPPT	ORQQVS	

RPC	TAG	ROUTINE	PATCH #
ORQQXMB MAIL GROUPS	MAILG	ORQQXQA	
ORQQXQA ALLPAT	ORQQXQA	ORQQXQA ALLPAT	
ORQQXQA PATIENT	PATIENT	ORQQXQA	
ORQQXQA USER	USER	ORQQXQA	
ORWCH LOADALL	LOADALL	ORWCH	
ORWCH LOADSIZ	LOADSIZ	ORWCH	
ORWCH SAVEALL	SAVEALL	ORWCH	
ORWCH SAVESIZ	SAVESIZ	ORWCH	
ORWCH SAVFONT	SAVFONT	ORWCH	
ORWCIRN FACLIST	FACLIST	ORWCIRN	
ORWCS LIST OF CONSULT REPORTS	LIST	ORWCS	
ORWCS PRINT REPORT	PRINT	ORWCSP	
ORWCS REPORT TEXT	RPT	ORWCS	
ORWCV DTLVST	DTLVST	ORWCV	
ORWCV LAB	LAB	ORWCV	
ORWCV POLL	POLL	ORWCV	
ORWCV START	START	ORWCV	
ORWCV STOP	STOP	ORWCV	
ORWCV VST	VST	ORWCV	
ORWCV1 COVERSHEET LIST	COVERLST	ORWCV1	
ORWD DEF	DEF	ORWD	
ORWD DT	DT	ORWD	
ORWD FORMID	FORMID	ORWD	
ORWD GET4EDIT	GET4EDIT	ORWD	
ORWD KEY	KEY	ORWD	
ORWD OI	OI	ORWD	
ORWD PROVKEY	PROVKEY	ORWD	
ORWD SAVE	SAVE	ORWD	
ORWD SAVEACT	SAVEACT	ORWD	
ORWD SIGN	SIGN	ORWD	
ORWD VALIDACT	VALIDACT	ORWD	
ORWD1 COMLOC	COMLOC	ORWD1	
ORWD1 PARAM	PARAM	ORWD1	
ORWD1 PRINTGUI	PRINTGUI	ORWD1	
ORWD1 RVPRINT	RVPRINT	ORWD1	
ORWD1 SIG4ANY	SIG4ANY	ORWD1	
ORWD1 SIG4ONE	SIG4ONE	ORWD1	
ORWD1 SVONLY	SVONLY	ORWD1	

RPC	TAG	ROUTINE	PATCH #
ORWD2 DEVINFO	DEVINFO	ORWD2	
ORWD2 MANUAL	MANUAL	ORWD2	
ORWDAL32 ALLERGY MATCH	ALLSRCH	ORWDAL32	
ORWDAL32 DEF	DEF	ORWDAL32	
ORWDAL32 SYMPTOMS	SYMPTOMS	ORWDAL32	
ORWDCN32 DEF	DEF	ORWDCN32	
ORWDCN32 NEWDLG	NEWDLG	ORWDCN32	
ORWDCN32 ORDRMSG	ORDRMSG	ORWDCN32	
ORWDCN32 PROCEDURES	PROC	ORWDCN32	
ORWDCSLT DEF	DEF	ORWDCSLT	
ORWDCSLT LOOK200	LOOK200	ORWDCSLT	
ORWDFH ADDLATE	ADDLATE	ORWDFH	
ORWDFH ATTR	ATTR	ORWDFH	
ORWDFH CURISO	CURISO	ORWDFH	
ORWDFH DIETS	DIETS	ORWDFH	
ORWDFH FINDTYP	FINDTYP	ORWDFH	
ORWDFH ISOIEN	ISOIEN	ORWDFH	
ORWDFH ISOLIST	ISOLIST	ORWDFH	
ORWDFH PARAM	PARAM	ORWDFH	
ORWDFH QTY2CC	QTY2CC	ORWDFH	
ORWDFH TFPROD	TFPROD	ORWDFH	
ORWDFH TXT	TXT	ORWDFH	
ORWDGX LOAD	LOAD	ORWDGX	
ORWDGX VMDEF	VMDEF	ORWDGX	
ORWDLR ABBSPEC	ABBSPEC	ORWDLR	
ORWDLR ALLSAMP	ALLSAMP	ORWDLR	
ORWDLR DEF	DEF	ORWDLR	
ORWDLR LOAD	LOAD	ORWDLR	
ORWDLR OIPARAM	LOAD	ORWDLR	
ORWDLR STOP	STOP	ORWDLR	
ORWDLR32 ABBSPEC	ABBSPEC	ORWDLR32	
ORWDLR32 ALLSAMP	ALLSAMP	ORWDLR32	
ORWDLR32 ALLSPEC	ALLSPEC	ORWDLR33	
ORWDLR32 DEF	DEF	ORWDLR32	
ORWDLR32 GET LAB TIMES	GETLABTM	ORWDLR33	
ORWDLR32 IC DEFAULT	ICDEFLT	ORWDLR33	
ORWDLR32 IC VALID	ICVALID	ORWDLR33	
ORWDLR32 IMMED COLLECT	IMMCOLL	ORWDLR33	

RPC	TAG	ROUTINE	PATCH #
ORWDLR32 LAB COLL TIME	LABCOLTM	ORWDLR33	
ORWDLR32 LOAD	LOAD	ORWDLR32	
ORWDLR32 MAXDAYS	MAXDAYS	ORWDLR33	
ORWDLR32 ONE SAMPLE	ONESAMP	ORWDLR32	
ORWDLR32 ONE SPECIMEN	ONESPEC	ORWDLR32	
ORWDLR32 STOP	STOP	ORWDLR33	
ORWDLR33 FUTURE LAB COLLECTS	LCFUTR	ORWDLR33	
ORWDLR33 LASTTIME	LASTTIME	ORWDLR33	
ORWDOR LKSCRN	LKSCRN	ORWDOR	
ORWDOR VALNUM	VALNUM	ORWDOR	
ORWDOR VMSLCT	VMSLCT	ORWDOR	
ORWDPS DEF	DEF	ORWDPS	
ORWDPS INPT	INPT	ORWDPS	
ORWDPS LOAD	LOAD	ORWDPS	
ORWDPS OUTPT	OUTPT	ORWDPS	
ORWDPS1 CHK94	CHK94	ORWDPS1	
ORWDPS1 DFLTSPLY	DFLTSPLY	ORWDPS1	
ORWDPS1 DOSEALT	DOSEALT	ORWDPS1	
ORWDPS1 FORMALT	FORMALT	ORWDPS1	
ORWDPS1 ODSLCT	ODSLCT	ORWDPS1	
ORWDPS1 SCHALL	SCHALL	ORWDPS1	
ORWDPS2 ADMIN	ADMIN	ORWDPS2	
ORWDPS2 DAY2QTY	DAY2QTY	ORWDPS2	
ORWDPS2 MAXREF	MAXREF	ORWDPS2	
ORWDPS2 OISLCT	OISLCT	ORWDPS2	
ORWDPS2 QTY2DAY	QTY2DAY	ORWDPS2	
ORWDPS2 REQST	REQST	ORWDPS2	
ORWDPS2 SCHREQ	SCHREQ	ORWDPS2	
ORWDPS32 ALLROUTE	ALLROUTE	ORWDPS32	
ORWDPS32 AUTH	AUTH	ORWDPS32	
ORWDPS32 DLGSLCT	DLGSLCT	ORWDPS32	
ORWDPS32 DOSES	DOSES	ORWDPS32	
ORWDPS32 DRUGMSG	DRUGMSG	ORWDPS32	
ORWDPS32 FORMALT	FORMALT	ORWDPS32	
ORWDPS32 ISSPLY	ISSPLY	ORWDPS32	
ORWDPS32 IVAMT	IVAMT	ORWDPS32	
ORWDPS32 MEDISIV	MEDISIV	ORWDPS32	
ORWDPS32 OISLCT	OISLCT	ORWDPS32	

RPC	TAG	ROUTINE	PATCH #
ORWDPS32 SCSTS	SCSTS	ORWDPS32	
ORWDPS32 VALQTY	VALQTY	ORWDPS32	
ORWDPS32 VALRATE	VALRATE	ORWDPS32	
ORWDPS32 VALROUTE	VALROUTE	ORWDPS32	
ORWDPS32 VALSCH	VALSCH	ORWDPS32	
ORWDRA DEF	DEF	ORWDRA	
ORWDRA32 APPROVAL	APPROVAL	ORWDRA32	
ORWDRA32 DEF	DEF	ORWDRA32	
ORWDRA32 IMTYPSEL	IMTYPSEL	ORWDRA32	
ORWDRA32 ISOLATN	ISOLATN	ORWDRA32	
ORWDRA32 LOCTYPE	LOCTYPE	ORWDRA32	
ORWDRA32 PROCMSG	PROCMSG	ORWDRA32	
ORWDRA32 RADSRC	RADSRC	ORWDRA32	
ORWDRA32 RAORDITM	RAORDITM	ORWDRA32	
ORWDX AGAIN	AGAIN	ORWDX	
ORWDX DGNM	DGNM	ORWDX	
ORWDX DGRP	DGRP	ORWDX	
ORWDX DISMSG	DISMSG	ORWDX	
ORWDX DLGDEF	DLGDEF	ORWDX	
ORWDX DLGID	DLGID	ORWDX	
ORWDX DLGQUIK	DLGQUIK	ORWDX	
ORWDX FORMID	FORMID	ORWDX	
ORWDX LOADRSP	LOADRSP	ORWDX	
ORWDX LOCK	LOCK	ORWDX	
ORWDX LOCK ORDER	LOCKORD	ORWDX	
ORWDX MSG	MSG	ORWDX	
ORWDX ORDITM	ORDITM	ORWDX	
ORWDX SAVE	SAVE	ORWDX	
ORWDX SEND	SEND	ORWDX	
ORWDX SENDP	SENDP	ORWDX	
ORWDX UNLOCK	UNLOCK	ORWDX	
ORWDX UNLOCK ORDER	UNLKORD	ORWDX	
ORWDX WRLST	WRLST	ORWDX	
ORWDXA ALERT	ALERT	ORWDXA	
ORWDXA COMPLETE	COMPLETE	ORWDXA	
ORWDXA DC	DC	ORWDXA	
ORWDXA DCREASON	DCREASON	ORWDXA	
ORWDXA DCREQIEN	DCREQIEN	ORWDXA	

RPC	TAG	ROUTINE	PATCH #
ORWDXA FLAG	FLAG	ORWDXA	
ORWDXA FLAGTXT	FLAGTXT	ORWDXA	
ORWDXA HOLD	HOLD	ORWDXA	
ORWDXA UNFLAG	UNFLAG	ORWDXA	
ORWDXA UNHOLD	UNHOLD	ORWDXA	
ORWDXA VALID	VALID	ORWDXA	
ORWDXA VERIFY	VERIFY	ORWDXA	
ORWDXA WCGET	WCGET	ORWDXA	
ORWDXA WCPUT	WCPUT	ORWDXA	
ORWDXC ACCEPT	ACCEPT	ORWDXC	
ORWDXC DELAY	DELAY	ORWDXC	
ORWDXC DELORD	DELORD	ORWDXC	
ORWDXC DISPLAY	DISPLAY	ORWDXC	
ORWDXC FILLID	FILLID	ORWDXC	
ORWDXC ON	ON	ORWDXC	
ORWDXC SAVECHK	SAVECHK	ORWDXC	
ORWDXC SESSION	SESSION	ORWDXC	
ORWDXM AUTOACK	AUTOACK	ORWDXM	
ORWDXM DLGNAME	DLGNAME	ORWDXM	
ORWDXM FORMID	FORMID	ORWDXM	
ORWDXM LOADSET	LOADSET	ORWDXM	
ORWDXM MENU	MENU	ORWDXM	
ORWDXM MSTYLE	MSTYLE	ORWDXM	
ORWDXM PROMPTS	PROMPTS	ORWDXM	
ORWDXM1 BLDQRSP	BLDQRSP	ORWDXM1	
ORWDXM2 CLRRCL	CLRRCL	ORWDXM2	
ORWDXQ DLGNAME	DLGNAME	ORWDXQ	
ORWDXQ DLGSAVE	DLGSAVE	ORWDXQ	
ORWDXQ GETQLST	GETQLST	ORWDXQ	
ORWDXQ GETQNAM	GETQNAM	ORWDXQ	
ORWDXQ PUTQLST	PUTQLST	ORWDXQ	
ORWDXQ PUTQNAM	PUTQNAM	ORWDXQ	
ORWDXR ISREL	ISREL	ORWDXR	
ORWDXR RENEW	RENEW	ORWDXR	
ORWDXR RNWFLDS	RNWFLDS	ORWDXR	
ORWGEPT CLINRNG	CLINRNG	ORWGEPT	
ORWLR CUMULATIVE REPORT	CUM	ORWLR	
ORWLR CUMULATIVE SECTION	RPT	ORWLR	

RPC	TAG	ROUTINE	PATCH #
ORWLR REPORT LISTS	LIST	ORWLR	
ORWLRR ALLTESTS	ALLTESTS	ORWLRR	
ORWLRR ATESTS	ATESTS	ORWLRR	
ORWLRR ATG	ATG	ORWLRR	
ORWLRR ATOMICS	ATOMICS	ORWLRR	
ORWLRR CHART	CHART	ORWLRR	
ORWLRR CHEMTEST	CHEMTEST	ORWLRR	
ORWLRR GRID	GRID	ORWLRR	
ORWLRR INFO	INFO	ORWLRR	
ORWLRR INTERIM	INTERIM	ORWLRR	
ORWLRR INTERIMG	INTERIMG	ORWLRR	
ORWLRR INTERIMS	INTERIMS	ORWLRR	
ORWLRR MICRO	MICRO	ORWLRR	
ORWLRR NEWOLD	NEWOLD	ORWLRR	
ORWLRR PARAM	PARAM	ORWLRR	
ORWLRR SPEC	SPEC	ORWLRR	
ORWLRR TG	TG	ORWLRR	
ORWLRR USERS	USERS	ORWLRR	
ORWLRR UTGA	UTGA	ORWLRR	
ORWLRR UTGD	UTGD	ORWLRR	
ORWLRR UTGR	UTGR	ORWLRR	
ORWMC PATIENT PROCEDURES	PROD	ORWMC	
ORWOR RESULT	RESULT	ORWOR	
ORWOR SHEETS	SHEETS	ORWOR	
ORWOR TSALL	TSALL	ORWOR	
ORWOR UNSIGN	UNSIGN	ORWOR	
ORWOR VWGET	VWGET	ORWOR	
ORWOR VWSET	VWSET	ORWOR	
ORWORB AUTOUNFLAG ORDERS	UNFLORD	ORWORB	
ORWORB FASTUSER	FASTUSER	ORWORB	
ORWORB GET TIU ALERT INFO	GETALRT	TIUSRVR	
ORWORB GETDATA	GETDATA	ORWORB	
ORWORB KILL EXPIR MED ALERT	KILEXMED	ORWORB	
ORWORB KILL EXPIR OI ALERT	KILEXOI	ORWORB	
ORWORB KILL UNSIG ORDERS ALERT	KILUNSNO	ORWORB	
ORWORB UNSIG ORDERS FOLLOWUP	ESORD	ORWORB	
ORWORB URGENLST	URGENLST	ORWORB	
ORWORDG ALLTREE	ALLTREE	ORWORDG	

RPC	TAG	ROUTINE	PATCH #
ORWORDG GRPSEQB	GRPSEQB	ORWORDG	
ORWORDG IEN	IEN	ORWORDG	
ORWORDG MAPSEQ	MAPSEQ	ORWORDG	
ORWORDG REVSTS	REVSTS	ORWORDG	
ORWORR AGET	AGET	ORWORR	
ORWORR GET	GET	ORWORR	
ORWORR GET4LST	GET4V11	ORWORR	
ORWORR GETBYIFN	GETBYIFN	ORWORR	
ORWORR GETTXT	GETTXT	ORWORR	
ORWPCE ACTIVE PROV	ACTIVPRV	ORWPCE2	
ORWPCE ACTPROB	ACTPROB	ORWPCE	
ORWPCE ALWAYS CHECKOUT	DOCHKOUT	ORWPCE2	
ORWPCE ANYTIME	ANYTIME	ORWPCE2	
ORWPCE ASKPCE	ASKPCE	ORWPCE2	
ORWPCE AUTO VISIT TYPE SELECT	AUTOVISIT	ORWPCE2	
ORWPCE CPTMODS	CPTMODS	ORWPCE	
ORWPCE CPTREQD	CPTREQD	ORWPCE	
ORWPCE DELETE	DELETE	ORWPCE	
ORWPCE DIAG	DIAG	ORWPCE	
ORWPCE FORCE	FORCE	ORWPCE2	
ORWPCE GAFOK	GAFOK	ORWPCE2	
ORWPCE GAFURL	GAFURL	ORWPCE2	
ORWPCE GET EDUCATION TOPICS	EDTTYPE	ORWPCE2	
ORWPCE GET EXAM TYPE	EXAMTYPE	ORWPCE2	
ORWPCE GET EXCLUDED	EXCLUDED	ORWPCE2	
ORWPCE GET HEALTH FACTORS TY	HFTYPE	ORWPCE2	
ORWPCE GET IMMUNIZATION TYPE	IMMTYPE	ORWPCE2	
ORWPCE GET SET OF CODES	GETSET	ORWPCE2	
ORWPCE GET SKIN TEST TYPE	SKTYPE	ORWPCE2	
ORWPCE GET TREATMENT TYPE	TRTTYPE	ORWPCE2	
ORWPCE GET VISIT	GETVISIT	ORWPCE2	
ORWPCE GETMOD	GETMOD	ORWPCE	
ORWPCE GETSVC	GETSVC	ORWPCE	
ORWPCE HASCPT	HASCPT	ORWPCE2	
ORWPCE HASVISIT	HASVISIT	ORWPCE	
ORWPCE HF	HF	ORWPCE	
ORWPCE IMM	IMM	ORWPCE	
ORWPCE LEX	LEX	ORWPCE	

RPC	TAG	ROUTINE	PATCH #
ORWPCE LEXCODE	LEXCODE	ORWPCE	
ORWPCE LOADGAF	LOADGAF	ORWPCE2	
ORWPCE MH TEST AUTHORIZED	MHATHRZD	ORWPCE2	
ORWPCE MHCLINIC	MHCLINIC	ORWPCE2	
ORWPCE MHTESTOK	MHTESTOK	ORWPCE2	
ORWPCE NOTEVSTR	NOTEVSTR	ORWPCE	
ORWPCE PCE4NOTE	PCE4NOTE	ORWPCE3	
ORWPCE PED	PED	ORWPCE	
ORWPCE PROC	PROC	ORWPCE	
ORWPCE SAVE	SAVE	ORWPCE	
ORWPCE SAVEGAF	SAVEGAF	ORWPCE2	
ORWPCE SCDIS	SCDIS	ORWPCE	
ORWPCE SCSEL	SCSEL	ORWPCE	
ORWPCE SK	SK	ORWPCE	
ORWPCE TRT	TRT	ORWPCE	
ORWPCE VISIT	VISIT	ORWPCE	
ORWPCE XAM	XAM	ORWPCE	
ORWPS ACTIVE	ACTIVE	ORWPS	
ORWPS COVER	COVER	ORWPS	
ORWPS DETAIL	DETAIL	ORWPS	
ORWPS1 NEWDLG	NEWDLG	ORWPS1	
ORWPS1 PICKUP	PICKUP	ORWPS1	
ORWPS1 REFILL	REFILL	ORWPS1	
ORWPT ADMITLST	ADMITLST	ORWPT	
ORWPT APPTLST	APPTLST	ORWPT	
ORWPT BYWARD	BYWARD	ORWPT	
ORWPT CLINRNG	CLINRNG	ORWPT	
ORWPT CWAD	CWAD	ORWPT	
ORWPT DFLTSRC	DFLTSRC	ORWPT	
ORWPT DIEDON	DIEDON	ORWPT	
ORWPT DISCHARGE	DISCHRG	ORWPT	
ORWPT ENCTITL	ENCTITL	ORWPT	
ORWPT FULLSSN	FULLSSN	ORWPT	
ORWPT ID INFO	IDINFO	ORWPT	
ORWPT INPLOC	INPLOC	ORWPT	
ORWPT LAST5	LAST5	ORWPT	
ORWPT LEGACY	LEGACY	ORWPT	
ORWPT LIST ALL	LISTALL	ORWPT	

RPC	TAG	ROUTINE	PATCH #
ORWPT PTINQ	PTINQ	ORWPT	
ORWPT SAVDFLT	SAVDFLT	ORWPT	
ORWPT SELCHK	SELCHK	ORWPT	
ORWPT SELECT	SELECT	ORWPT	
ORWPT SHARE	SHARE	ORWPT	
ORWPT TOP	TOP	ORWPT	
ORWPT1 PCDETAIL	PCDETAIL	ORWPT1	
ORWPT1 PRCARE	PRCARE	ORWPT1	
ORWPT16 ADMITLST	ADMITLST	ORWPT16	
ORWPT16 APPTLST	APPTLST	ORWPT16	
ORWPT16 DEMOG	DEMOG	ORWPT16	
ORWPT16 GETVSIT	GETVSIT	ORWPT16	
ORWPT16 ID INFO	IDINFO	ORWPT16	
ORWPT16 LIST ALL	LISTALL	ORWPT16	
ORWPT16 LOOKUP	LOOKUP	ORWPT16	
ORWPT16 PSCNVT	PSCNVT	ORWPT16	
ORWRA DEFAULT EXAM SETTINGS	GETDEF	ORWRA	
ORWRA IMAGING EXAMS	EXAMS	ORWRA	
ORWRA PRINT REPORT	PRINT	ORWRAP	
ORWRA REPORT TEXT	RPT	ORWRA	
ORWRP COLUMN HEADERS	GETCOL	ORWRP	
ORWRP GET DEFAULT PRINTER	GETDFPRT	ORWRP	
ORWRP LAB REPORT LISTS	LABLIST	ORWRP	
ORWRP PRINT LAB REMOTE	REMOTE	ORWRPL	
ORWRP PRINT LAB REPORTS	PRINT	ORWRPL	
ORWRP PRINT REMOTE REPORT	REMOTE	ORWRPP	
ORWRP PRINT REPORT	PRINT	ORWRPP	
ORWRP PRINT WINDOWS LAB REMOTE	PRINTWR	ORWRPL	
ORWRP PRINT WINDOWS REMOTE	PRINTWR	ORWRPP	
ORWRP PRINT WINDOWS REPORT	PRINTW	ORWRPP	
ORWRP REPORT LISTS	LIST	ORWRP	
ORWRP REPORT TEXT	RPT	ORWRP	
ORWRP SAVE DEFAULT PRINTER	SAVDFPRT	ORWRP	
ORWRP WINPRINT DEFAULT	WINDFLT	ORWRP	
ORWRP WINPRINT LAB REPORTS	PRINTW	ORWRPL	
ORWRP1 LISTNUTR	LISTNUTR	ORWRP1	
ORWRP16 REPORT LISTS	LIST	ORWRP16	
ORWRP16 REPORT TEXT	RPT	ORWRP16	

RPC	TAG	ROUTINE	PATCH #
ORWRP2 HS COMP FILES	FILES	ORWRP2	
ORWRP2 HS COMPONENT SUBS	COMPSUB	ORWRP2	
ORWRP2 HS COMPONENTS	COMP	ORWRP2	
ORWRP2 HS FILE LOOKUP	FILESEL	ORWRP2	
ORWRP2 HS REPORT TEXT	REPORT	ORWRP2	
ORWRP2 HS SUBITEMS	SUBITEM	ORWRP2	
ORWTIU GET DCSUMM CONTEXT	GTDCCTX	ORWTIU	
ORWTIU GET LIST BOX ITEM	GTLSTITM	ORWTIU	
ORWTIU GET TIU CONTEXT	GTTIUCTX	ORWTIU	
ORWTIU IDNOTES INSTALLED	IDNOTES	ORWTIU	
ORWTIU SAVE DCSUMM CONTEXT	SVDCCTX	ORWTIU	
ORWTIU SAVE TIU CONTEXT	SVTIUCTX	ORWTIU	
ORWTIU WINPRINT NOTE	PRINTW	ORWTIU	
ORWTPL GETNSORT	GETNSORT	ORWTPN	
ORWTPN GETCLASS	GETCLASS	ORWTPN	
ORWTPN GETTC	GETTC	ORWTPN	
ORWTPO CSARNGD	CSARNGD	ORWTPO	
ORWTPO CSLABD	CSLABD	ORWTPO	
ORWTPO GETIMGD	GETIMGD	ORWTPO	
ORWTPO GETTABS	GETTABS	ORWTPO	
ORWTPP ADDLIST	ADDLIST	ORWTPP	
ORWTPP CHKSURR	CHKSURR	ORWTPP	
ORWTPP CLDAYS	CLDAYS	ORWTPP	
ORWTPP CLEARNOT	CLEARNOT	ORWTPP	
ORWTPP CLRANGE	CLRANGE	ORWTPP	
ORWTPP CSARNG	CSARNG	ORWTPP	
ORWTPP CSLAB	CSLAB	ORWTPP	
ORWTPP DELLIST	DELLIST	ORWTPP	
ORWTPP GETCOMBO	GETCOMBO	ORWTPP	
ORWTPP GETCOS	GETCOS	ORWTPP	
ORWTPP GETDCOS	GETDCOS	ORWTPP	
ORWTPP GETIMG	GETIMG	ORWTPP	
ORWTPP GETNOT	GETNOT	ORWTPP	
ORWTPP GETNOTO	GETNOTO	ORWTPP	
ORWTPP GETOC	GETOC	ORWTPP	
ORWTPP GETOTHER	GETOTHER	ORWTPP	
ORWTPP GETREM	GETREM	ORWTPP	
ORWTPP GETSUB	GETSUB	ORWTPP	

RPC	TAG	ROUTINE	PATCH #
ORWTPP GETSURR	GETSURR	ORWTPP	
ORWTPP GETTD	GETTD	ORWTPP	
ORWTPP GETTU	GETTU	ORWTPP	
ORWTPP LSDEF	LSDEF	ORWTPP	
ORWTPP NEWLIST	NEWLIST	ORWTPP	
ORWTPP PLISTS	PLISTS	ORWTPP	
ORWTPP PLTEAMS	PLTEAMS	ORWTPP	
ORWTPP REMLIST	REMLIST	ORWTPP	
ORWTPP SAVECD	SAVECD	ORWTPP	
ORWTPP SAVECS	SAVECS	ORWTPP	
ORWTPP SAVELIST	SAVELIST	ORWTPP	
ORWTPP SAVENOT	SAVENOT	ORWTPP	
ORWTPP SAVENOTO	SAVENOTO	ORWTPP	
ORWTPP SAVEOC	SAVEOC	ORWTPP	
ORWTPP SAVEPLD	SAVEPLD	ORWTPP	
ORWTPP SAVESURR	SAVESURR	ORWTPP	
ORWTPP SAVET	SAVET	ORWTPP	
ORWTPP SETCOMBO	SETCOMBO	ORWTPP	
ORWTPP SETDCOS	SETDCOS	ORWTPP	
ORWTPP SETIMG	SETIMG	ORWTPP	
ORWTPP SETOTHER	SETOTHER	ORWTPP	
ORWTPP SETREM	SETREM	ORWTPP	
ORWTPP SETSUB	SETSUB	ORWTPP	
ORWTPP SORTDEF	SORTDEF	ORWTPP	
ORWTPP TEAMS	TEAMS	ORWTPP	
ORWTPT ATEAMS	ATEAMS	ORWTPT	
ORWTPT GETTEAM	GETTEAM	ORWTPT	
ORWU CLINLOC	CLINLOC	ORWU	
ORWU DEVICE	DEVICE	ORWU	
ORWU DT	DT	ORWU	
ORWU EXTNAME	EXTNAME	ORWU	
ORWU GBLREF	GBLREF	ORWU	
ORWU GENERIC	GENERIC	ORWU	
ORWU HAS OPTION ACCESS	HASOPTN	ORWU	
ORWU HASKEY	HASKEY	ORWU	
ORWU HOSPLOC	HOSPLOC	ORWU	
ORWU INPLOC	INPLOC	ORWU	
ORWU NEWPERS	NEWPERS	ORWU	

RPC	TAG	ROUTINE	PATCH #
ORWU NPHASKEY	NPHASKEY	ORWU	
ORWU PARAM	PARAM	ORWU	
ORWU PATCH	PATCH	ORWU	
ORWU TOOLMENU	TOOLMENU	ORWU	
ORWU USERINFO	USERINFO	ORWU	
ORWU VALDT	VALDT	ORWU	
ORWU VALIDSIG	VALIDSIG	ORWU	
ORWU VERSRV	VERSRV	ORWU	
ORWU16 DEVICE	DEVICE	ORWU16	
ORWU16 HOSPLOC	HOSPLOC	ORWU16	
ORWU16 NEWPERS	NEWPERS	ORWU16	
ORWU16 USERINFO	USERINFO	ORWU16	
ORWU16 VALDT	VALDT	ORWU16	
ORWU16 VALIDSIG	VALIDSIG	ORWU16	
ORWUH POPUP	POPUP	ORWUH	
ORWUL FV4DG	FV4DG	ORWUL	
ORWUL FVIDX	FVIDX	ORWUL	
ORWUL FVSUB	FVSUB	ORWUL	
ORWUL QV4DG	QV4DG	ORWUL	
ORWUL QVIDX	QVIDX	ORWUL	
ORWUL QVSUB	QVSUB	ORWUL	
ORWUX SYMTAB	SYMTAB	ORWUX	
ORWUXT LST	LST	ORWUXT	
ORWUXT REF	REF	ORWUXT	
ORWUXT VAL	VAL	ORWUXT	
ORQQCN ATTACH MED RESULTS	MEDCOMP	ORQQCN3	
ORQQCN GET MED RESULT DETAILS	DISPMED	ORQQCN3	
ORQQCN REMOVABLE MED RESULTS	GETRES	ORQQCN3	
ORQQCN REMOVE MED RESULTS	REMOVE	ORQQCN3	
ORWORB KILL EXPIR OI ALERT	KILEXOI	ORWORB	
ORWRP LAB REPORT LISTS	LABLIST	ORWRP	
ORWPCE GETSVC	GETSVC	ORWPCE	
ORQQCN SVC W/SYNONYMS	SVCSYN	ORQQCN2	
ORWCV1 COVERSHEET LIST	COVERLST	ORWCV1	
ORWTPL GETNSORT	GETNSORT	ORWTPN	
ORWTPN GETCLASS	ORWTPN GETCLASS	ORWTPN	
ORWTPN GETTC	GETTC	ORWTPN	
ORWTPO CSARNGD	CSARNGD	ORWTPO	

RPC	TAG	ROUTINE	PATCH #
ORWTPO CSLABD	CSLABD	ORWTPO	
ORWTPO GETTABS	GETTABS	ORWTPO	
ORWTPP ADDLIST	ADDLIST	ORWTPP	
ORWTPP CHKSURR	CHKSURR	ORWTPP	
ORWTPP CLDAYS	CLDAYS	ORWTPP	
ORWTPP CLEARNOT	CLEARNOT	ORWTPP	
ORWTPP CLRANGE	CLRANGE	ORWTPP	
ORWTPP CSARNG	CSARNG	ORWTPP	
ORWTPP CSLAB	CSLAB	ORWTPP	
ORWTPP DELLIST	DELLIST	ORWTPP	
ORWTPP GETCOMBO	GETCOMBO	ORWTPP	
ORWTPP GETCOS	GETCOS	ORWTPP	
ORWTPP GETDCOS	GETDCOS	ORWTPP	
ORWTPP GETNOT	GETNOT	ORWTPP	
ORWTPP GETNOTO	GETNOTO	ORWTPP	
ORWTPP GETOC	GETOC	ORWTPP	
ORWTPP GETOTHER	GETOTHER	ORWTPP	
ORWTPP GETREM	GETREM	ORWTPP	
ORWTPP GETSUB	GETSUB	ORWTPP	
ORWTPP GETSURR	GETSURR	ORWTPP	
ORWTPP GETTD	GETTD	ORWTPP	
ORWTPP GETTU	GETTU	ORWTPP	
ORWTPP LSDEF	LSDEF	ORWTPP	
ORWTPP NEWLIST	NEWLIST	ORWTPP	
ORWTPP PLISTS	PLISTS	ORWTPP	
ORWTPP PLTEAMS	PLTEAMS	ORWTPP	
ORWTPP REMLIST	REMLIST	ORWTPP	
ORWTPP SAVECD	SAVECD	ORWTPP	
ORWTPP SAVECS	SAVECS	ORWTPP	
ORWTPP SAVELIST	SAVELIST	ORWTPP	
ORWTPP SAVENOTO	SAVENOTO	ORWTPP	
ORWTPP SAVEOC	SAVEOC	ORWTPP	
ORWTPP SAVEPLD	SAVEPLD	ORWTPP	
ORWTPP GETIMG	GETIMG	ORWTPP	
ORWTPP SETIMG	SETIMG	ORWTPP	
ORWTPP SETCOMBO	SETCOMBO	ORWTPP	
ORWTPP SETDCOS	SETDCOS	ORWTPP	
ORWTPP SETOTHER	SETOTHER	ORWTPP	

RPC	TAG	ROUTINE	PATCH #
ORWTPP SETREM	SETREM	ORWTPP	
ORWTPP SETSUB	SETSUB	ORWTPP	
ORWTPP SORTDEF	SORTDEF	ORWTPP	
ORWTPP TEAMS	TEAMS	ORWTPP	
ORWTPT ATEAMS	ATEAMS	ORWTPT	
ORWTPT GETTEAM	GETTEAM	ORWTPT	
ORWTIU IDNOTES INSTALLED	IDNOTES	ORWTIU	
ORQQAL DETAIL	DETAIL	ORQQAL	
ORQQCN ASSIGNABLE MED RESULTS	GETMED	ORQQCN3	
ORQQPL DETAIL	DETAIL	ORQQPL	
ORQQPX GET FOLDERS	GETFLDRS	ORQQPX	
ORQQPX SET FOLDERS	SETFLDRS	ORQQPX	
ORQQPX GET DEF LOCATIONS	GETDEFOL	ORQQPX	
ORWDPS1 CHK94	CHK94	ORWDPS1	
ORWDPS1 ODSLCT	ODSLCT	ORWDPS1	
ORWDPS1 SCHALL	SCHALL	ORWDPS1	
ORWDPS2 ADMIN	ADMIN	ORWDPS2	
ORWDPS2 DAY2QTY	DAY2QTY	ORWDPS2	
ORWDPS2 OISLCT	OISLCT	ORWDPS2	
ORWDPS2 REQST	REQST	ORWDPS2	
ORWDX DGNM	DGNM	ORWDX	
ORWUL FV4DG	FV4DG	ORWUL	
ORWUL FVIDX	FVIDX	ORWUL	
ORWUL FVSUB	FVSUB	ORWUL	
ORWUL QV4DG	QV4DG	ORWUL	
ORWUL QVIDX	QVIDX	ORWUL	
ORWUL QVSUB	QVSUB	ORWUL	
ORWDPS1 DFLTSPLY	DFLTSPLY	ORWDPS1	
ORWPCE ANYTIME	ANYTIME	ORWPCE2	
ORQQPX REM INSERT AT CURSOR	INSCURS	ORQQPX	
ORWTPO GETIMGD	GETIMGD	ORWTPO	
ORWDPS2 MAXREF	MAXREF	ORWDPS2	
ORWDPS2 SCHREQ	SCHREQ	ORWDPS2	
ORWPCE AUTO VISIT TYPE SELECT	AUTOVISIT	ORWPCE2	
ORQQCN LIST	LIST	ORQQCN	
ORWDPS2 QTY2DAY	QTY2DAY	ORWDPS2	
ORWRP COLUMN HEADERS	GETCOL	ORWRP	
ORQQPX SAVELVL	SAVELVL	ORQQPX	

RPC	TAG	ROUTINE	PATCH #
ORQQPX LVREMLST	LVREMLST	ORQQPX	
ORQQPX NEW COVER SHEET ACTIVE	NEWCVOK	ORQQPX	
ORQQPX NEW COVER SHEET REMS	REMLIST	ORQQPX	
ORQQPX NEW REMINDERS ACTIVE	NEWACTIV	ORQQPX	
ORQQPX REMINDER DETAIL	REMDET	ORQQPX	
ORQQPX REMINDERS LIST	REMIND	ORQQPX	
ORWU HAS OPTION ACCESS	HASOPTN	ORWU	
ORWTPP SAVET	SAVET	ORWTPP	
ORWTPP SAVESURR	SAVESURR	ORWTPP	
ORWPCE ALWAYS CHECKOUT	DOCHKOUT	ORWPCE2	
ORWPCE GET EXCLUDED	EXCLUDED	ORWPCE2	
ORQQCN SET ACT MENUS	SETACTM	ORQQCN1	
ORWDPS1 FORMALT	FORMALT	ORWDPS1	
ORWDPS1 DOSEALT	DOSEALT	ORWDPS1	
ORQPT DEFAULT LIST SORT	DEFSORT	ORQPTQ11	
ORWTPR NOTDESC	NOTDESC	ORWTPR	
ORWTPR OCDESC	OCDESC	ORWTPR	
ORWDPS1 FAILDEA	FAILDEA	ORWTPR	
ORQPT DEFAULT CLINIC DATE RANGE	CDATRANG	ORQPTQ2	
ORWRP3 EXPAND COLUMNS	LIST	ORWRP3	OR*3*109
ORWCH SAVECOL	SAVECOL	ORWCH	OR*3*109
ORWRP2 COMPABV	COMPABV	ORWRP2	OR*3*109
ORWRP2 SAVLKUP	SAVLKUP	ORWRP2	OR*3*109
ORWRP2 GETLKUP	GETLKUP	ORWRP2	OR*3*109
ORWRP2 COMPDISP	COMPDISP	ORWRP2	OR*3*109
ORWPCE ISCLINIC	ISCLINIC	ORWPCE2	OR*3*109
ORWCOM PTOBJ	PTOBJ	ORWCOM	OR*3*109
ORWCOM ORDEROBJ	ORDEROBJ	ORWCOM	OR*3*109
ORWCOM GETOBJS	GETOBJS	ORWCOM	OR*3*109
ORWCOM DETAILS	DETAILS	ORWCOM	OR*3*109
ORQQCN GET PROC IEN	PROCIEN	ORQQCN1	OR*3*109
ORWSR CASELIST	CASELIST	ORWSR	OR*3*109
ORWSR GET SURG CONTEXT	GTSURCTX	ORWSR	OR*3*109
ORWSR IS NON-OR PROC	ISNONOR	ORWSR	OR*3*109
ORWSR LIST	LIST	ORWSR	OR*3*109
ORWSR ONECASE	ONECASE	ORWSR	OR*3*109
ORWSR OPTOP NON-OR	OPTOPNOR	ORWSR	OR*3*109
ORWSR SAVE SURG CONTEXT	SVSURCTX	ORWSR	OR*3*109

RPC	TAG	ROUTINE	PATCH #
ORWSR SHOW OPTOP WHEN SIGNING	SHOWOPTP	ORWSR	OR*3*109
ORWSR SHOW SURG TAB	SHOWSURG	ORWSR	OR*3*109
ORWSR OPTOP	OPTOP	ORWSR	OR*3*109
ORQQPXRM MST UPDATE	MST	ORQQPXRM	OR*3*116
ORWDPS4 CPLST	CPLST	ORWDPS4	OR*3*116
ORWDPS4 CPINFO	CPINFO	ORWDPS4	OR*3*116
ORWORB KILL UNVER MEDS ALERT	KILUNVMD	ORWORB	OR*3*116
ORWORB KILL UNVER ORDERS ALERT	KILUNVOR	ORWORB	OR*3*116
ORWPS MEDHIST	MEDHIST	ORWPS	OR*3*116

Appendix B - Routine List

These are the routines exported with Patch 10. The routines tend to be grouped using similar internal namespace conventions.

ROUTINE	DESCRIPTION	PATCH #
ORB3MGR1	Manager Options – Notifications Parameters	
ORB3MGR2	Utilities for Manager Options – Notifications Parameters	
ORB3REC	Notification Management Options for Recipients/Users	
ORCXPND3	Expanded display of Reports	
ORCXPNDR	Expanded display of Reports	
ORKMGR	Manager Options – Order Checking Parameters	
ORKREC	Recipient Options – Order Checking Parameters Management	
ORQPTQ2	Functions which return patient lists and list sources pt 2	
ORQQAL	Functions which return patient allergy data	
ORQQCN	Functions which return patient consult requests and results	
ORQQCN1	Functions for GUI consult actions - RPCs for GMRCGUIA	
ORQQCN2	Functions for GUI consult actions	
ORQQCN3	RPCs for Consults/Medicine Resulting	
ORQQPL	Functions which return patient problem list data	
ORQQPL1	Problem List for CPRS GUI	
ORQQPL2	RPCs for CPRS GUI Implementation	
ORQQPL3	Problem List RPC's	
ORQQPX	Functions which return PCE data	
ORQQPXRM	Functions for reminder data	
ORQQVI	Functions which return patient vital and I/O data	
ORQQVI1	Vitals RPC grid	
ORQQVI2	RPC calls to GMRVPCE0, Vitals data event drivers	
ORQQVS	Functions which return patient visits	
ORWCH	GUI calls specific to CPRS Chart	
ORWCIRN	Functions for GUI CIRN ACTIONS	
ORWCSP	Background Consult Report Print Driver	
ORWCV	Background Cover Sheet Load	
ORWCV1	Cover Sheet calls continued	
ORWD1	GUI Prints	
ORWD2	GUI Prints	
ORWDAL32	Allergy calls to support windows	
ORWDCN32	Consults calls	
ORWDFH	Diet Order calls for Windows Dialogs	
ORWDLR32	Lab Calls	
ORWDLR33	Lab Calls	

ROUTINE	DESCRIPTION	PATCH #
ORWDOR	Generic Orders calls for Windows Dialogs	
ORWDPS1	Pharmacy Calls for Windows Dialog	
ORWDPS2	Pharmacy Calls for Windows Dialog	
ORWDPS3	Order Dialogs, Menus	
ORWDPS32	Pharmacy Calls for GUI Dialog	
ORWDRA32	Radiology calls to support windows	
ORWDX	Utilities for Order Dialogs	
ORWDX1	Utilities for Order Dialogs	
ORWDXA	Utilities for Order Actions	
ORWDXC	Utilities for Order Checking	
ORWDXM	Order Dialogs, Menus	
ORWDXM1	Order Dialogs, Menus	
ORWDXM2	Quick Orders	
ORWDXM3	Quick Orders	
ORWDM4	Order Dialogs, Menus	
ORWDXQ	Utilities for Quick Orders	
ORWDXR	Utilities for Order Actions	
ORWLR	Lab Calls	
ORWLRR	RPC routing for lab results	
ORWMC	Medicine Calls	
ORWOR	Orders Calls	
ORWORB	RPC functions which return user alert	
ORWORDG	Organize display groups	
ORWORR	Retrieve Orders for Broker	
ORWPCE	Wrap calls to PCE and AICS	
ORWPCE1	PCE Calls from CPRS GUI	
ORWPCE2	Wrap calls to PCE	
ORWPCE3	Get a PCE encounter for a TUI document	
ORWPS	Meds Tab	
ORWPS1	Meds Tab	
ORWPT	Patient Lookup Functions	
ORWPT1	Patient Lookup Functions (cont)	
ORWRA	Imaging Calls	
ORWRP	Report Calls	
ORWRP1	Report Calls	
ORWRP2	Health Summary ad hoc RPC's	
ORWRPL	Background GUI Lab Print Driver	
ORWRPP	Background Report Print Driver	
ORWSETUP	Setup utilities for GUI	

ROUTINE	DESCRIPTION	PATCH #
ORWTIU	Functions for GUI PARAMETER ACTIONS	
ORWTPL	Personal Preference – Lists	
ORWTPN	Personal Preference - Notes	
ORWTPO	Personal Preference – Order Checks	
ORWTPP	Personal Preference - Personal	
ORWTPR	Personal Preference - Reminders	
ORWTPT	Personal Preference - Teams	
ORWTPUA	Personal Preference – Utility Alerts	
ORWTPUP	Personal Preference – Utility Parameters	
ORWU	General Utilities for Windows Calls	
ORWUL	List view Selection	
ORWUPX	Export Package Level Parameters	
ORWUPX01		
ORWUPY	Export Package Level Parameters	
ORWUPY01		
ORWUXT	General Utilities for Windows Calls	
ORY10	Patch 10 conversions	
ORQQAL	Functions which return patient allergy	OR*3*85
ORQQCN	Functions for GUI consult actions	OR*3*85
ORQQCN3	RPCs for Consults/Medicine Resulting	OR*3*85
ORQQPL	Functions which return patient problem list data	OR*3*85
ORQQPL1	PROBLEM LIST FOR CPRS GUI	OR*3*85
ORWCV	Background Cover Sheet Load	OR*3*85
ORWCV1	CoverSheet calls continued	OR*3*85
ORWDAL32	Allergy calls to support windows	OR*3*85
ORWDLR33	Lab Calls	OR*3*85
ORWORB	RPC functions which return user alert	OR*3*85
ORWPCE	Wrap calls to PCE and AICS	OR*3*85
ORWPCE1	PCE Calls from CPRS GUI	OR*3*85
ORWPCE3	Get a PCE encounter for a TIU document	OR*3*85
ORWRA	Imaging Calls	OR*3*85
ORWRP	Report Calls	OR*3*85
ORWRP1	Report Calls	OR*3*85
ORWRPL	Background GUI Lab Print Driver	OR*3*85
ORWRPP	Background Report Print Driver	OR*3*85
ORWTIU	Functions for GUI PARAMETER ACTIONS	OR*3*85
ORB3MGR1	Manager Options - Notifications Parameters	OR*3*85

ROUTINE	DESCRIPTION	PATCH #
ORB3MGR2	Utilities for Manager Options - Notifications Parameters	OR*3*85
ORB3REC	Notification Management Options for Recipients/Users	OR*3*85
ORCXPND3	Expanded display of Reports	OR*3*85
ORCXPNDR	Expanded display of Reports	OR*3*85
ORKMGR	Manager Options - Order Checking Parameters	OR*3*85
ORKREC	Recipient Options - Order Checking Parameters Management	OR*3*85
ORQPT	Patient Selection	OR*3*85
ORQPT1	Change Patient Selection List	OR*3*85
ORQPTQ1	Functs which return OR patient lists and sources pt 1	OR*3*85
ORQPTQ11	Functs which return patient lists and sources pt 1	OR*3*85
ORQPTQ2	Functions which return patient lists and list sources pt2	OR*3*85
ORQPTQ5	Functions for Patient Selection Lists.	OR*3*85
ORQQCN	Functions which return patient consult requests and results	OR*3*85
ORQQCN1	Functions for GUI consult actions - RPCs for GMRCGUIA	OR*3*85
ORQQPX	PCE and Reminder routines	OR*3*85
ORQQPXRM	Functions for reminder data	OR*3*85
ORWD1	GUI Prints	OR*3*85
ORWDCN32	Consults calls	OR*3*85
ORWDLR32	Lab Calls	OR*3*85
ORWDPS1	Pharmacy Calls for Windows Dialog	OR*3*85
ORWDPS2	Pharmacy Calls for Windows Dialog	OR*3*85
ORWDPS3	Order Dialogs, Menus	OR*3*85
ORWDPS32	Pharmacy Calls for GUI Dialog	OR*3*85
ORWDX	Utilities for Order Dialogs	OR*3*85
ORWDX1	Utilities for Order Dialogs	OR*3*85
ORWDXA	Utilities for Order Actions	OR*3*85
ORWDXM1	Order Dialogs, Menus	OR*3*85
ORWDXM2	Quick Orders	OR*3*85
ORWDXM3	Quick Orders	OR*3*85
ORWDXM4	Order Dialogs, Menus	OR*3*85
ORWDXQ	Utilities for Quick Orders	OR*3*85
ORWDXR	Utilities for Order Actions	OR*3*85
ORWLR	Lab Calls	OR*3*85
ORWOR	Orders Calls	OR*3*85
ORWPCE2	wrap calls to PCE	OR*3*85
ORWPS	Meds Tab	OR*3*85
ORWTPL	Personal Preference - Lists	OR*3*85
ORWTPN	Personal Preference - Notes	OR*3*85
ORWTPO	Personal Preference - Order Checks	OR*3*85

ROUTINE	DESCRIPTION	PATCH #
ORWTPP	Personal Preference - Personal	OR*3*85
ORWTPR	Personal Preference - Reminders	OR*3*85
ORWTPT	Personal Preference - Teams	OR*3*85
ORWTPUA	Personal Preference - Utility Alerts	OR*3*85
ORWTPUP	Personal Preference - Utility Parameters	OR*3*85
ORWU	General Utilities for Windows Calls	OR*3*85
ORWUL	List view Selection	OR*3*85
ORDV01	OE/RR Report Extracts	OR*3*109 (GUI 16)
ORDV02	OE/RR Report Extracts	OR*3*109 (GUI 16)
ORDV03	OE/RR Report Extracts	OR*3*109 (GUI 16)
ORDV04	OE/RR	OR*3*109 (GUI 16)
ORDV04A	OE/RR	OR*3*109 (GUI 16)
ORDV05	OE/RR Report Extracts	OR*3*109 (GUI 16)
ORDV05E	Microbiology Extract Routine	OR*3*109 (GUI 16)
ORDV05T	Interim report rpc memo micro	OR*3*109 (GUI 16)
ORDV05X	Microbiology Extended Extracts	OR*3*109 (GUI 16)
ORDV06	OE/RR Report Extracts	OR*3*109 (GUI 16)
ORDV07	OE/RR Report extracts	OR*3*109 (GUI 16)
ORDVU	OE/RR Report Extracts	OR*3*109 (GUI 16)
ORQPTQ11	Functs which return patient lists and sources pt 1B	OR*3*109 (GUI 16)
ORQQCN1	Functions for GUI consult actions	OR*3*109 (GUI 16)
ORWCH	GUI calls specific to CPRS Chart	OR*3*109 (GUI 16)
ORWCOM	Wraps RPCs for COM Objects Hooks	OR*3*109 (GUI 16)
ORWDAL32	Allergy calls to support windows	OR*3*109 (GUI 16)
ORWDXM2	Quick Orders	OR*3*109 (GUI 16)
ORWMC	Medicine Calls	OR*3*109 (GUI 16)
ORWPCE2	wrap calls to PCE	OR*3*109 (GUI 16)
ORWPT1	Patient Lookup Functions	OR*3*109 (GUI 16)
ORWRA	Imaging Calls	OR*3*109 (GUI 16)
ORWRP	Report Calls	OR*3*109 (GUI 16)
ORWRP1	Report Calls	OR*3*109 (GUI 16)
ORWRP16	Report Calls	OR*3*109 (GUI 16)
ORWRP1A	Report Calls Cont.	OR*3*109 (GUI 16)
ORWRP2	Health Summary adhoc RPC's	OR*3*109 (GUI 16)
ORWRP3	OE/RR Report Extract RPC's	OR*3*109 (GUI 16)
ORWRPL	Background GUI Lab Print Driver	OR*3*109 (GUI 16)
ORWRPP	Background Report Print Driver	OR*3*109 (GUI 16)
ORWRPP1	Background Report Prints (cont.)	OR*3*109 (GUI 16)
ORWSR	Surgery RPCs	OR*3*109 (GUI 16)

ROUTINE	DESCRIPTION	PATCH #
ORWTIU	Functions for GUI PARAMETER	OR*3*109 (GUI 16)
ORWTPD	Personal Reference Tool	OR*3*109 (GUI 16)
ORY109	Patch 109 Post/Pre	OR*3*109 (GUI 16)
ORWDPS4	Order Dialogs CO-PAY	OR*3*116 (GUI 17)
ORWORB	RPC functions which return user alert	OR*3*116 (GUI 17)
ORWPS	Meds Tab	OR*3*116 (GUI 17)
ORWDRA32	Radiology calls to support windows	OR*3*116 (GUI 17)

Appendix C - New Fields

OR*3.0*10

Auto-Accept

File: Order Dialog (101.41)

Field: Auto-Accept Quick Order (#58)

This field can be set to YES for a quick order. Clicking on the order in the GUI places the order without displaying the ordering dialog.

OR*3.0*85

Description

File: Order Checks (100.8)

Field: Description (#2)

This field describes the order check.

OR*3.0*94

Non-Formulary

File: Orderable Items (101.43)

Field: Description (#50.6)

This field tracks if an Orderable Item is non-formulary. An Orderable Item will only be marked as non-formulary if there are no active Dispense Drugs matched to the Orderable Item that are on the local formulary.

Appendix D - Parameters by Function

Parameters provide many ways of setting defaults for an application. Parameters are defined in the Parameter Definition file (8989.51). The Parameters file (8989.5) contains the specific defaults. They are exported and installed in an application using the KIDS build. A parameter definition has associated with it one or more entities. An entity may be a user, location, system, package, or other category. Associated with a particular entity is a value. The different entities have precedence as to what default may apply in a particular circumstance. For example, a date range default for a report in the package CPRS is set at T-30 days. The user, CPRSPROVIDER,TEN, has a default for this report of 6 months, T-180 days. If the parameter is defined with a precedence of [User, Package], the user will be prompted with the T-180 default. Because of the precedence, the User default takes exception over the Package default. The parameter files allow for tremendous flexibility in arranging defaults. Parameters are a Kernel utility; more technical information is covered in the Kernel Toolkit documentation.

If a user does not have DUZ(0)= "@" then they will not see package level settings for parameters. Generally, it is recommended that the package level settings are not changed.

Menus for modifying Parameters

CPRS users can access editing parameters from the following options.

Personal Preference	ORPO MENU
CPRS Configuration (Clin Coord)	OR PARAM COORDINATOR MENU
CPRS Configuration (IRM)	OR PARAM IRM MENU
General Parameter Tools	XPAR MENU TOOLS

CPRS parameters are in the OR* namespace. They are listed in this documentation by functional categories and alphabetically. The alphabetical listing is a captioned printout of the OR namespaced entries in the Parameters file (8989.5)

Ordering – Interactive Behaviors

Authorization/Access

Disable Ordering in GUI
This parameter disables writing orders and taking actions on orders in the GUI.

Parameter:
ORWOR DISABLE ORDERING

Precedence:
User, System, Package

Values:
Yes/No

Enable/Disable Order Verify Codes

This parameter controls whether nurses are allowed to verify orders in the GUI. The default value is 0, which allows nurses to verify orders only when ordering is enabled. To allow nurses to verify orders when ordering is disabled, set the value to 1. To never allow the verify actions, set the value to 2.

Parameter:
ORWOR ENABLE VERIFY

Precedence:
User, System, Package

Values:

0 Enable Verify Actions if Ordering Enabled

1 Enable Verify

Disable Hold/Unhold Actions in GUI

This parameter will prevent orders from being placed on hold.

Parameter:
ORWOR DISABLE HOLD ORDERS

Precedence:
System, Package

Values:
Yes/No

Allow Clerks to act on Med Orders

This parameter determines if clerks (i.e. users holding the OREMAS key) are allowed to act on medication orders. If set to YES, a clerk may enter new medication orders or DC these medication orders. Inpatient orders may be released to the Pharmacy as 'Signed on Chart'. Outpatient orders will require the physician's signature. If set to UNRELEASED ONLY, a clerk may only enter unreleased orders for both Inpatient and Outpatient. If set to NO, a clerk is completely prohibited from handling medication orders.

Parameter:
OR OREMAS MED ORDERS

Precedence:
System

Values:

0 No

1 Unreleased Only

2 Yes

Restrict Requestor

This field allows a site to restrict the selection of providers when adding new orders at the ‘Requesting CLINICIAN: ‘ prompt for holders of the ORELSE and OREMAS key. The restriction being that they cannot select themselves as the requestor even though they may also hold the PROVIDER key.

1 YES (ORELSE) restricts only holders of the ORELSE key.

2 YES (ORELSE & OREMAS) restricts holders of either key.

Parameter:
ORPF RESTRICT REQUESTOR

Precedence:
System

Values:
0 No
1 Yes (ORELSE)
2 Yes (ORELSE & OREMAS)

Default Provider

This parameter allows the attending physician to be prompted as a default when adding new orders.

Parameter:
ORPF DEFAULT PROVIDER

Precedence:
System

Values:
Yes/No

Confirm Provider

This field will allow an additional prompt to confirm the provider selection when adding new orders. Entering 2 in this field will exclude holders of the ORES key (providers) from this check. Notice that these parameters also control the default presented to the user: 'Are you sure? <no -or- yes>'

Parameter:
ORPF CONFIRM PROVIDER

Precedence:
System

Values:
0 No
1 Yes (default No)
2 Yes (exclude ORES)
3 Yes (default Yes)

Enable Billing Awareness by User

This parameter enables the entry of Billing Awareness data in the sign order CPRS window if value is set to 1. Otherwise the Clinician will not be required to enter Billing Awareness data if value is set to 0.

Parameter
OR BILLING AWARENESS BY USER

Precedence:
User

Values

0 No

1 Yes

Order List Content

Orders Category Sequence

Multiple instances of this parameter combine to form a list of the display groups shown in the order review screen. Orders are displayed by the sequence identified in this list.

Parameter:
ORWOR CATEGORY SEQUENCE

Precedence:
System, Package

Values:
Multiple entries of Display Groups (file 100.98)

Active Orders Context Hours

This parameter defines the number of hours that orders remain in the "Active/Current Orders" context after they have been completed.

Parameter:
ORPF ACTIVE ORDERS CONTEXT HRS

Precedence:
System

Values:
Numeric

Show Lab #

This field controls the listing of lab orders for holders of the ORES key, after the electronic signature has been entered when entering new orders. Only after the order is released to Lab service is the number assigned; if physicians want to see the lab order # with the order after entering and signing the orders, this parameter must be set to YES. All other users get the listing regardless of what this parameter is set to.

Parameter:
ORPF SHOW LAB #

Precedence:
System

Values:
Yes/No

Last Date/Time User Review Pt Orders

Date/time this user last review the patient's orders.

Parameter:
OR ORDER REVIEW DT

Precedence:
System

Values:
Date/Time

Order Summary Context

A value of 0 will print all orders with ORDER dates within the selected date range. A value of 1 will print all orders with START dates within the selected date range. A value of 2 will print all orders with START dates and orders with any ACTIVITY within the selected date range.

Parameter:
OR ORDER SUMMARY CONTEXT

Precedence:
System

Values:

0	Order Date
1	Start Date
2	Start Date plus Activity

Print All Orders on Chart Summary

A value of 1 in this parameter will print all orders on the 24 Hour chart summary report options. A value of 0 will only print orders that originally printed a chart copy. This is the default value for this parameter. Some sites have had problems with this value, because the Chart Copy Summary may be different from the Order Summary report, which prints all orders. Some orders don't print a chart copy automatically, because of the nature of order the order was given when entered, or because the location from which the order was entered, may not have been setup for printing. A value of 2 will look at the Nature of Order file to determine if the order should print on the summary report.

Parameter:
OR PRINT ALL ORDERS CHART SUM

Precedence:
System

Values:

0	Previously Printed
1	All
2	Depends on Nature of Order

Print 'NO ORDERS' on Summary

A value of YES in this parameter will print a page showing 'No Orders' on an order summary if no orders exists for the patient within the specified parameters. A value of NO in this parameter will just skip the patient, printing nothing when no orders exist for the patient within the specified parameters.

Parameter:
OR PRINT NO ORDERS ON SUM

Precedence:
System

Values:
Yes/No

Order Action Behavior

Auto Unflag

This parameter, when set to YES, will automatically cancel the Flag Orders Notification and unflag all orders for a patient when a user process a Flagged Orders Notification.

Parameter:
ORPF AUTO UNFLAG

Precedence:
System

Values:
Yes/No

Object on Order Acceptance

This parameter determines the COM Objects to activate on order acceptance

Parameter:
ORWCOM ORDER ACCEPTED

Precedence:
Division, System, Service, User

Values:
Object

Review / Sign Orders

Unsigned Orders View on Exit

This determines which unsigned orders view that holders of the ORES key will see when exiting a patient's chart; the Package default is to show My Unsigned Orders, i.e. all unsigned orders that the current user either placed or is the responsible provider for. This may also be set to list only those orders placed during the current session, or all unsigned orders for this patient regardless of provider.

Parameter:
OR UNSIGNED ORDERS ON EXIT

Precedence:
User, Service, Division, System, Package

Values:

0	New Orders Only
1	My Unsigned Orders
2	All Unsigned Orders

Signature Default Action

This defines the default action presented to ORELSE key holders when signing and/or releasing orders; if no value is entered, then 'Release w/o Signature' will be used.

Parameter:
OR SIGNATURE DEFAULT ACTION

Precedence:
System, Package

Values:

OC	Signed on Chart
RS	Release w/o Signature

Signed on Chart Default

This defines the default value to be presented when the user gets the prompt to mark orders as Signed on Chart; if no value is entered, then NO is used as the default.

Parameter:
OR SIGNED ON CHART

Precedence:
System, Package

Values:
Yes/No

New Orders Default

This parameter determines the default action to be presented at the end of the Review New Orders screen; the action 'Next Screen' will be used until the last screen of orders, if there are more than one. If there is no action specified here, then 'Sign All Orders' will be used.

Parameter:
ORPF NEW ORDERS DEFAULT

Precedence:
System, Package

Values:
0 Sign All Orders

1 Sign & Release

Ordering—Blood Bank Order Dialog

Days to check for Type & Screen

This is used in the VBECS Order Dialog to check for recent orders for a Type & Screen order. The default is 3 days, but a site can override this number by setting this parameter to something different.

Parameter:
ORWDXVB VBECS TNS CHECK

Precedence:
Division, System

Value:
# of Days

List of Blood Components

This parameter allows a sequence to be assigned to Blood Components selectable from VBECS.

Parameter:
OR VBECS COMPONENT ORDER

Precedence:
Package, System, Division, User

Values:
Multiple valued pointer to file 101.43

List of Component Modifiers

This parameter allows local configuration of the blood component modifiers.

Parameter:
OR VBECS MODIFIERS

Precedence:
System, Package

Values:
Multiple valued, free text

List of Reasons for Request

This parameter allows local configuration of the Reasons for Request.

Parameter:
OR VBECS REASON FOR REQUEST

Precedence:
System, Package

Values:
Multiple valued, free text

Suppress Nursing Admin Prompt

DESCRIPTION: This parameter disables the prompt/pop-up that tells the user they must enter a Nursing Administration Order manually after entering a VBECS Blood order. Disabling this feature is usually done when a Nursing Administration order has been created and added to a VBECS order set.

Parameter:
OR VBECS SUPPRESS NURS ADMIN

Precedence:
Package, System, Division

Values:
Yes/no

Ordering—Menus/Dialogs

Write Orders (Inpatient)

This parameter is used do list the order dialog names that should appear in the Write Orders list box of the CPRS GUI. This is the list of dialogs that should be used in the inpatient setting.

Parameter:
ORWOR WRITE ORDERS LIST

Precedence:
User, Location, Service, Division, System, Package

Values:
Multiple entries of Order Dialogs

Menu for Write Orders List

This parameter is used to identify a menu in the ORDER DIALOG file that will be used as the list of items that may be selected in the Write Orders list box of the CPRS GUI.

Parameter:
ORWDX WRITE ORDERS LIST

Precedence:
User, Location, Service, Division, System

Values:
Order Dialog Menu

Message for Non-Standard Schedule

Sites can use this parameter to enter the message that displays in the top warning box on the Order with Schedule "OTHER" dialog for inpatient medications. Through this dialog, providers can enter customized day-of-week or administration-time schedules for administering medications, but the message should inform providers how orders with customized schedules will be handled, such as the possibility of a delay or an action that the provider should take, such as calling the pharmacy to arrange a valid schedule.

Parameter:
ORWIM NSS MESSAGE

Precedence:
Service, Division, System

Values:
Free text

Message For LC Changed To WC

When the system automatically changes lab collect orders to ward collect, provides instructions to the user regarding specimen collection for those changed orders.

Parameter:
ORWLR LC CHANGED TO WC

Precedence:
Package, System, Division, Service, Location

Values:
free text

Event-Delayed Orders

Allow Use of Manual Release Option

This parameter will control the ability to use the release delayed orders action if the OREVNT MANUAL RELEASE CONTROL parameter is set to Parameter or Both (Parameter and Keys). If set to No or left blank then manual release will not be allowed. If set toYes then the manual release action my be used.

Parameter:
OREVNT MANUAL RELEASE

Precedence:
User, Class, Team (OE/RR), Location, Service, Division, System

Values:
Yes, No

Default Release Event

This parameter is used to provide a default release event in the event list box presented when the user clicks on the 'Write Delayed Orders' button in CPRS GUI.

Parameter:
OREVNT DEFAULT

Precedence:
User

Values:
Order Dialog Menu

Event Delayed Orders

This parameter is used to identify a menu in the ORDER DIALOG file that will be used as the list of items that may be selected in the Write Orders list box of the CPRS GUI when placing orders that are to be delayed until the selected EVENT occurs.

Parameter:
ORWDX WRITE ORDERS EVENT LIST

Precedence:
User, Location, Service, Division, System

Values:
Order Dialog Menu

Excluded Groups For Copy Active Order

If the "copy active orders" field of a release event is set to YES then any orders that belong to the display groups listed in this parameter will NOT be presented in the list of orders to copy. This parameter allows you to screen certain types of orders from being copied when writing delayed orders

Parameter:
OREVNT EXCLUDE DGRP

Precedence:
Division, System

List of Common Release Events

Release events defined by this parameter will appear first in the list box when the user is writing delayed orders. These commonly used release events will appear above a line with the rest of the available release events appearing below the line.

Before the list is presented to the user events that are inactive and events that are inappropriate for display (for example, transfer types when the patient is still an outpatient) will be removed from the list.

Parameter:

OREVNT COMMON LIST

Precedence:
User, Class, Team (OE/RR), Location, Service, Division

Manual Release Control Setting

This parameter defines how access to the manual release action is controlled. There are three possible settings:

1. Keys Only - In this setting only holders of the ORES and ORELSE key may manually release a delayed order. This is how the system previously controlled access to this action. If the OREVNT MANUAL RELEASE CONTROL parameter is not set then this will be the default setting.
2. Manual Release Parameter Only - In this setting the OREVNT MANUAL RELEASE parameter controls who is allowed to manually release a delayed order. The OREVNT MANUAL RELEASE parameter is distributed with no settings, which effectively denies access to manual release if the control parameter is set to P. In order to have the OREVNT MANUAL RELEASE parameter control access to the manual release action you must set some level of the parameter to a positive (YES) value.
3. Both Keys and Parameter - In this setting a check is first made to see if the user has either the ORES or ORELSE key. If they do not then a check is made to see if the user will have access through the parameter settings. In this setting, if the user does not hold either the ORES or ORELSE key they could still have access to the action based on your parameter settings, which may be more liberal than you'd like. Be sure to check your settings

Parameter:
OREVNT MANUAL RELEASE CONTROL

Precedence:
Division, System

Values:

K	Keys only
P	Manual Release Parameter Only
B	Both keys and parameter

Order Menu Style

Determines whether GUI order menus include mnemonics.

Parameter:
ORWDXM ORDER MENU STYLE

Precedence:
System, Package

Values:

0	Mnemonics Included
1	No Mnemonics
2	Reserved1
3	Reserved2

New Med Dialog

This parameter is used to present the order dialog for a New Medication on the Meds tab of the CPRS GUI. A separate order dialog can be used for inpatients and outpatients.

Parameter:
ORWDX NEW MED

Precedence:
User, System, Package

Values:
Inpatient Order Dialog

Outpatient Order Dialog

New Consult Dialog Default

This parameter is used to define the default menu, dialog, or quick order that should appear when the user selects New Consult from the consults tab.

Parameter:
ORWDX NEW CONSULT

Precedence:
User, Location, System, Package

Values:
Order Dialog

New Procedure Dialog Default

This parameter is used to define the default menu, dialog, or quick order that should appear when the user selects New Procedure from the consults tab.

Parameter:
ORWDX NEW PROCEDURE

Precedence:
User, Location, System, Package

Values:
Order Dialog

Personal Quick Orders

Personal Quick Order List

Contains the name of a personal quick order list for a specific display group.

Parameter:
ORWDQ QUICK VIEW

Precedence:
User, Location, Service, System, Division, Package

Values:
Free text

Common Angio/Neuro Orders

Contains the list of Angio/Neuro quick orders for display at the top of the procedures list box in the GUI ordering dialog.

Parameter:
ORWDQ ANI

Precedence:
User, Location, Division, System

Values:
Multiple entries of Quick Orders (file 101.41)

Common Cardiology (Nuc Med) Orders

Contains the list of Cardiology (Nuc Med) quick orders for display at the top of the procedures list box in the GUI ordering dialog.

Parameter:
ORWDQ CARD

Precedence:
User, Location, Division, System

Values:
Multiple entries of Quick Orders (file 101.41)

Common Consult Orders

Contains the list of common consult orders for display at the top of the Consult Service list box in the GUI ordering dialog.

Parameter:
ORWDQ CSLT

Precedence:
User, Location, Division, System

Values:
Multiple entries of Quick Orders (file 101.41)

Common CT Scan Orders

Contains the list of CT Scan quick orders for display at the top of the procedures list box in the GUI ordering dialog.

Parameter:
ORWDQ CT

Precedence:
User, Location, Division, System

Values:
Multiple entries of Quick Orders (file 101.41)

Common Diet Orders

Contains the list of common diet orders for display at the top of the Diet Components list box in the GUI ordering dialog.

Parameter:
ORWDQ DO

Precedence:
User, Location, Division, System

Values:
Multiple entries of Quick Orders (file 101.41)

Common IV Fluid Orders

Contains the list of common IV Fluid orders for display at the top of the IV Fluids list box in the GUI ordering dialog.

Parameter:
ORWDQ IV RX

Precedence:
User, Location, Division, System

Values:
Multiple entries of Quick Orders (file 101.41)

Common Lab Orders

Contains the list of common lab orders for display at the top of the Lab Tests list box in the GUI ordering dialog.

Parameter:
ORWDQ LAB

Precedence:
User, Location, Division, System

Values:
Multiple entries of Quick Orders (file 101.41)

Common Mammography Orders

Contains the list of Mammography quick orders for display at the top of the procedures list box in the GUI ordering dialog.

Parameter:
ORWDQ MAM

Precedence:
User, Location, Division, System

Values:
Multiple entries of Quick Orders (file 101.41)

Common MRI Orders

Contains the list of MRI quick orders for display at the top of the procedures list box in the GUI ordering dialog.

Parameter:
ORWDQ MRI

Precedence:
User, Location, Division, System

Values:
Multiple entries of Quick Orders (file 101.41)

Common Nuclear Med Orders

Contains the list of Nuclear Med quick orders for display at the top of the procedures list box in the GUI ordering dialog.

Parameter:
ORWDQ NM

Precedence:
User, Location, Division, System

Values:
Multiple entries of Quick Orders (file 101.41)

Common Med Orders (Outpatient)

Contains the list of common outpatient meds for display at the top of the Meds list box in the GUI ordering dialog.

Parameter:
ORWDQ O RX

Precedence:
User, Location, Division, System

Values:
Multiple entries of Quick Orders (file 101.41)

Common Procedure Orders

Contains the list of common procedure orders for display at the top of the Procedures list box in the GUI ordering dialog.

Parameter:
ORWDQ PROC

Precedence:
User, Location, Division, System

Values:
Multiple entries of Quick Orders (file 101.41)

Common Radiology Orders

Contains the list of common radiology orders for display at the top of the procedures list box in the GUI ordering dialog.

Parameter:
ORWDQ RAD

Precedence:
User, Location, Division, System

Values:
Multiple entries of Quick Orders (file 101.41)

Common Tubefeeding Orders

Contains the list of common tube feeding diet orders for display at the top of the Tubefeeding Products list box in the GUI ordering dialog.

Parameter:
ORWDQ TF

Precedence:
User, Location, Division, System

Values:
Multiple entries of Quick Orders (file 101.41)

Common Med Orders (Inpatient)

Contains the list of common inpatient meds for display at the top of the Meds list box in the GUI ordering dialog.

Parameter:
ORWDQ UD RX

Precedence:
User, Location, Division, System

Values:
Multiple entries of Quick Orders (file 101.41)

Common Ultrasound Orders

Contains the list of Ultrasound quick orders for display at the top of the procedures list box in the GUI ordering dialog.

Parameter:
ORWDQ US

Precedence:
User, Location, Division, System

Values:
Multiple entries of Quick Orders (file 101.41)

Common Vascular Lab Orders

Contains the list of Vascular Lab quick orders for display at the top of the procedures list box in the GUI ordering dialog.

Parameter:
ORWDQ VAS

Precedence:
User, Location, Division, System

Values:
Multiple entries of Quick Orders (file 101.41)

Common Imaging Orders

Contains the list of common imaging orders for display at the top of the procedures list box in the GUI ordering dialog.

Parameter:
ORWDQ XRAY

Precedence:
User, Location, Division, System

Values:
Multiple entries of Quick Orders (file 101.41)

Quick Order Display Name

This parameter allows users to create their own aliases for quick orders.

Parameter:
ORWDQ DISPLAY NAME

Precedence:
User

Values:
Quick Order (file 101.41)

Med Ordering (GUI)

Suppress Dispense Drug Message

This parameter determiners whether Dispense Drug messages will be suppressed or not. Enter "Yes" to suppress display of the dispense drug message.

Parameter:
ORWDPS SUPPRESS DISPENSE MSG

Precedence:
System

Values:
Yes, No

CPRS Administration Times Help Text

Parameter:
OR ADMIN TIME HELP TEXT

Precedence:
SYSTEM

Value:
Free text message

Medication Routing Default (GUI)

This will be the default value for Pickup in the Outpatient Medications GUI ordering dialog.

Parameter:
ORWDPS ROUTING DEFAULT

Precedence:
System

Values:

W	at Window
M	by Mail
C	in Clinic
N	no Default

Entering Non-VA Meds

Non-VA Meds Statement/Reason

This parameter lists the reasons and statements for ordering/documenting a non-VA medication. Non-VA meds include herbals, OTCs (over-the-counter medications) and prescriptions not obtained at VA pharmacies or from VA mail delivery services.

Parameter:
ORWD NONVA REASON

Precedence:
Package, System, Division

Expired Meds

Hours To Find Recently Expired Orders

Number of hours back in time to search for expired orders. Also used to determine number of hours back in time to search for expired med orders if the follow-up action for the Expiring Meds alert does not find expiring meds.

This parameter does NOT affect Meds tab display. To alter Meds tab display, please adjust the ORCH CONTEXT MEDS parameter accordingly.

Parameter:
ORWOR EXPIRED ORDERS

Precedence:
Package, System

Ordering – Reports & Printing

Report Generation

Print Chart Copy When

Chart copies may be printed when orders are:

a) released to the service

b) signed by a clinician (may be after the orders are released)

This parameter determines at which point the chart copy of orders will print. The chart copy may be printed when the order is released to the service or delayed until the order is actually signed.

Parameter:
ORPF PRINT CHART COPY WHEN

Precedence:
System

Values:

R	Releasing order
S	Signing orders

Print Chart Copy Summary

This parameter specifies to the nightly background job ORTASK 24HR CHART COPIES that a daily Chart Copy summary should be queued to the device specified by the CHART COPY DEVICE field.

Parameter:
ORPF PRINT CHART COPY SUMMARY

Precedence:
Location

Values:
Yes/No

Print Daily Order Summary

This parameter specifies to the nightly background job ORTASK 24HR SUMMARY that a daily order summary should be queued to the device specified in the

Parameter:
ORPF PRINT DAILY ORDER SUMMARY

Precedence:
Location

Values:
Yes/No

Report List
This parameter allows custom lists of reports with sequencing. Templates: ORQP REPORT RANGE (USER); ORQP REPORT RANGE (SYSTEM).

Parameter:
ORWRP REPORT LIST

Precedence:
User, Division, System, Package

Values:

Lab Report List
This parameter allows custom lists of lab reports with sequencing. Templates: ORQP REPORT RANGE (USER); ORQP REPORT RANGE (SYSTEM).

Parameter:
ORWRP REPORT LAB LIST

Precedence:
User, Division, System, Package

Values:

Report Formatting

Chart Copy Format
This is the format used when printing chart copies of the orders for the hospital.

Parameter:
ORPF CHART COPY FORMAT

Precedence:
System

Values:
Format entry (file 100.23)

Chart Copy Footer
This is the format used to print the footer of the chart copies of orders for the hospital.

Parameter:
ORPF CHART COPY FOOTER

Precedence:
System

Values:
Format entry (file 100.23)

Chart Copy Header

This is the format used to print the header of the chart copies of orders for the hospital.

Parameter:
ORPF CHART COPY HEADER

Precedence:
System

Values:
Format entry (file 100.23)

Chart Copy Summary Sort Forward

This parameter allows the Chart Copy summaries to print in forward chronological order.

Parameter:
ORPF CHART SUMMARY SORT

Precedence:
System

Values:
Yes/No

Expand Continuous Orders

This is a site parameter to enable continuous orders (i.e., orders with a continuous schedule, e.g., QD or Q4H) to be expanded or not on the chart copy. If set to YES, an order for GLUCOSE BLOOD SERUM with the schedule QD would appear on the chart as:

```
  05/17 11:04  GLUCOSE BLOOD SERUM                   Ten Cprsprovider
                LB #805    WC   ROUTINE

  05/18 11:04  GLUCOSE BLOOD SERUM                   Ten Cprsprovider
                LB #806    WC   ROUTINE

  05/19 11:04  GLUCOSE BLOOD SERUM                   Ten Cprsprovider
                LB #807    WC   ROUTINE

If this parameter is set to NO, the same order would appear as:
  05/17 11:04  GLUCOSE BLOOD SERUM   QD              Ten Cprsprovider
```

Parameter:
ORPF EXPAND CONTINUOUS ORDERS

Precedence:
System

Values:
Yes/No

Ward Requisition Format

This is the requisition format to be used when printing requisitions for this package.

Parameter:
ORPF WARD REQUISITION FORMAT

Precedence:
System

Values:
Format entry (file 100.23)

Ward Requisition Footer

This is the format used to print the footer of order requisitions for the hospital.

Parameter:
ORPF WARD REQUISITION FOOTER

Precedence:
System

Values:
Format entry (file 100.23)

Ward Requisition Header

This is the format used to print the header of order requisitions for the hospital.

Parameter:
ORPF WARD REQUISITION HEADER

Precedence:
System

Values:
Format entry (file 100.23)

Requisition Sort Field

This is the field as defined at the ^OR(100,ifn,4.5 level in file 100 to be used to sort requisitions by.

Parameter:
ORPF REQUISITION SORT FIELD

Precedence:
System

Values:
Field Entries

Ward Label Format
This is the label format to be used when printing labels for this package.

Parameter:
ORPF WARD LABEL FORMAT

Precedence:
System

Values:
Format entry (file 100.23)

Label Sort Field
This is the field as defined at the ^OR(100,ifn,4.5 level in file 100 to be used to sort labels by.

Parameter:
ORPF LABEL SORT FIELD

Precedence:
System

Values:
Field Entries

Work Copy Format
This is the format used when printing work copies of the orders for the hospital.

Parameter:
ORPF WORK COPY FORMAT

Precedence:
System

Values:
Format entry (file 100.23)

Work Copy Footer
This is the format used to print the footer of the work copies of orders for the hospital.

Parameter:
ORPF WORK COPY FOOTER

Precedence:
System

Values:
Format entry (file 100.23)

Work Copy Header

This is the format used to print the header of the work copies of orders for the hospital.

Parameter:
ORPF WORK COPY HEADER

Precedence:
System

Values:
Format entry (file 100.23)

Work Copy Summary Sort Forward

This parameter allows the Work Copy summaries to print in forward chronological order.

Parameter:
ORPF WORK SUMMARY SORT

Precedence:
System

Values:
Yes/No

Service Copy Format

This is the format to be used when printing order copies to the service.

Parameter:
ORPF SERVICE COPY FORMAT

Precedence:
System

Values:
Format entry (file 100.23)

Service Copy Footer

This is the format to be used for the footer portion of the order copy to the service for this package.

Parameter:
ORPF SERVICE COPY FOOTER

Precedence:
System

Values:
Format entry (file 100.23)

Service Copy Header

This is the format to be used for the header portion of the order copy to the service for this package.

Parameter:
ORPF SERVICE COPY HEADER

Precedence:
System

Values:
Format entry (file 100.23)

Condensed Order Summary

A value of YES in this parameter will print a condensed version of the order summary. The report will be continuous from one patient to the next, printing multiple patients on a page, if there is room. A value of NO will put a page break between patient reports.

Parameter:
ORPF CONDENSED ORDER SUMMARY

Precedence:
System

Values:
Yes/No

Initials on Summary

This parameter allows the initials of the person who entered the order to be displayed on the order summary reports. The initials take up an additional line on the display and are shown just below the Ord'd date time. YES will display the initials of entering person on order summary

Parameter:
ORPF INITIALS ON SUMMARY

Precedence:
System

Values:
Yes/No

Order Summary Sort Forward

This parameter allows the Order summaries to print in forward chronological order.

Parameter:
ORPF SUMMARY SORT FORWARD

Precedence:
System

Values:
Yes/No

Devices

Prompt for Chart Copy

This field allows various levels of user interaction for printing a chart copy of the orders.

ENTER:

0 for no prompts- chart copy is automatically generated.

1 to prompt for chart copy and ask which printer should be used.

2 to prompt for chart copy and automatically print to the printer defined in the CHART COPY PRINT DEVICE field.

* don't print.

Parameter:
ORPF PROMPT FOR CHART COPY

Precedence:
Location, Division, System

Values:

0 Don't prompt

1 Prompt and ask device

2 Prompt and not ask device

* don't print

Prompt for Labels

This parameter allows various levels of user interaction for printing a label on the ward for orders.

ENTER:

0 for no prompts- labels are automatically generated.

1 to prompt for labels and ask which printer should be used.

2 to prompt for labels and automatically print to the printer defined in the LABEL PRINT DEVICE field.

* Don't print.

Parameter:
ORPF PROMPT FOR LABELS

Precedence:
Location, Division, System

Values:

0 Don't prompt

1 Prompt and ask device

2 Prompt and not ask device

* Don't print

Prompt for Requisitions

This field allows various levels of user interaction for printing a requisition on the ward for orders.

ENTER:

0 for no prompts- requisitions are automatically generated.

1 to prompt for requisitions and which printer should be used.

2 to prompt for requisitions and automatically print to the printer defined in the REQUISITION PRINT DEVICE field.

* Don't print.

Parameter:
ORPF PROMPT FOR REQUISITIONS

Precedence:
Location, Division, System

Values:
0 Don't prompt

1 Prompt and ask device

2 Prompt and not ask device

* Don't print

Prompt for Work Copy

This field allows various levels of user interaction for printing a work copy of the orders.

ENTER:

0 for no prompts- work copy is automatically generated.

1 to prompt for work copy and ask which printer should be used.

2 to prompt for work copy and automatically print to the printer defined in the WORK COPY PRINT DEVICE field.

* Don't print.

Parameter:
ORPF PROMPT FOR WORK COPY

Precedence:
Location, Division, System

Values:
0 Don't prompt

1 Prompt and ask device

2 Prompt and not ask device

* Don't print

Chart Copy Print Device

This is the printer on the ward/clinic/other where the chart copy should be printed. If the field PROMPT FOR CHART COPY is 0 or 2, this printer is automatically used to print the report. If the field PROMPT FOR CHART COPY is 1, the user is asked for device with the entry in this field as a default.

Parameter:
ORPF CHART COPY PRINT DEVICE

Precedence:
Location, Room-Bed

Values:
Device entry

Label Print Device

This is the printer on the ward/clinic/other where the label should be printed. If the field PROMPT FOR LABELS is 0 or 2, this printer is automatically used to print the labels. If the field PROMPT FOR LABELS is 1, the user is asked for device with the entry in this field as a default.

Parameter:
ORPF LABEL PRINT DEVICE

Precedence:
Location, Room-Bed

Values:
Device entry

Requisition Print Device

This is the printer on the ward/clinic/other where the requisition should be printed. If the field PROMPT FOR REQUISITIONS is 0 or 2, this printer is automatically used to print the requisitions. If the field PROMPT FOR REQUISITIONS is 1, the user is asked for device with the entry in this field as a default.

Parameter:
ORPF REQUISITION PRINT DEVICE

Precedence:
Location, Room-Bed

Values:
Device entry

Work Copy Print Device

This is the printer on the ward/clinic/other where the work copy should be printed. If the field PROMPT FOR WORK COPY is 0 or 2, this printer is automatically used to print the report. If the field PROMPT FOR WORK COPY is 1, the user is asked for device with the entry in this field as a default.

Parameter:
ORPF WORK COPY PRINT DEVICE

Precedence:
Location, Room-Bed

Values:
Device entry

Service Copy Default Device

This is the printer that is to be used when printing order copies to the service.

Parameter:
ORPF SERVICE COPY DEFLT DEVICE

Precedence:
Room-Bed, Location, Division, System

Values:
Device entry

Daily Order Summary Device

This parameter specifies the device on which the DAILY ORDER SUMMARY should be queued by the nightly scheduled option ORTASK 24 HOUR SUMMARY.

Parameter:
ORPF DAILY ORDER SUMMARY DEVC

Precedence:
Location, Room-Bed

Values:
Device entry

Printing (GUI)

Default Printer for CPRS GUI

Default VistA printer for the CPRS GUI.

Parameter:
ORWDP DEFAULT PRINTER

Precedence:
User, Location

Values:
Device entry

Use Windows Printer as Default?
If set to YES, CPRS GUI will display Windows standard printer selection dialog instead of the VistA printer selection dialog. If set to NO, the standard VistA printer selection dialog will be displayed, still allowing selection of a Windows printer, but requiring an additional prompt.

Parameter:
ORWDP WINPRINT DEFAULT

Precedence:
User, Location, System, Package

Values:
Yes/No

Ordering – Notifications & Order Checks

Notifications

Access to Erase All My Alerts option
Yes indicates the user can erase all of their notifications/alerts.

Parameter:
ORB ERASE ALL

Precedence:
User

Values:
Yes

No

Remove Alert Without Processing
System value indicates if the notification/alert can be deleted without processing. A "yes" value indicates the notification/alert can be deleted without processing. In the CPRS GUI a "yes" value signifies a selected alert can be deleted when the Remove button is clicked. If a notification/alert has a blank value or a "no" value, the notification/alert cannot be deleted without processing.

Parameter:
ORB REMOVE

Precedence:
System

Values:
Yes/No

Remove Non-OR Alerts Without Processing

Indicates if a non-CPRS (non-OERR) alert can be deleted without processing. Enter the alert identifier (or a portion of the alert identifier) for each type of alert you want to be able to remove in the CPRS GUI via the Remove button. The alert identifier or XQAID can be found in the ALERT ID field of the ALERT file [#8992]. For this parameter use the first few characters of the ALERT ID. For example, to remove NOIS alerts enter FSC. You may enter as many alert identifiers as desired. Please note that most alert IDs include information specific to the patient or instance which triggered the alert. For this parameter you should only enter that portion of the alert ID which is consistent for all alerts of this type. For example, a NOIS alert's ID might actually look like FSC-M,275546. Entering the entire alert ID in this parameter will only allow removal of this specific alert. However if the parameter value is FSC, all NOIS alerts can be removed.

Other examples of non-OR alert IDs include:

NO-ID;17;3040628.131502 [Taskman alert] - use NO-ID in parameter

TIUERR,3423,1;1450;3040518.125801 [TIU error alert] - use TIUERR

TIU28907;17;3040720.134827 [TIU alert] - use TIU* in parameter

*Using TIU will also enable Removing TIUERR alerts. Use TIUERR if you only want to Remove TIUERR alerts.

Parameter:
ORB REMOVE NON-OR

Values:
Yes/No

Precedence:
System

Enable or Disable Notifications

Parameter determines if any notification processing will occur. ‘E’ or ‘Enable’ indicates the notifications system is enabled and running. ‘D’ or ‘Disabled’ indicates the notifications system is disabled and not running. Can be set at the Institution, System or Package level.

Parameter:
ORB SYSTEM ENABLE/DISABLE

Precedence:
Division, System, Package

Values:

E	Enable
D	Disable

Processing Flag

Flag used to determine if a notification should be delivered to a user/ recipient. Valid values include Mandatory, Enabled or Disabled.

Parameter:
ORB PROCESSING FLAG

Precedence:
User, Team (OE/RR), Service, Location, Division, System, Package

Values:

M	Mandatory
E	Enabled
D	Disabled

Send Flagged Orders Bulletin

'Yes' indicates a MailMan bulletin will be sent to the order's Current Provider (usually the Ordering Provider) when the order is flagged for clarification. This parameter has no effect on the Flagged Orders notification, which is also triggered when an order is flagged for clarification.

Parameter:
ORB FLAGGED ORDERS BULLETIN

Precedence:
User, Service, Division, System, Package

Values:
Yes/No

Flag Items to Send Inpatient Order Notifications

This parameter is used to trigger a notification/alert when a specific orderable item is ordered for an inpatient.

If the value for the orderable item flag is "YES", the entity (user, team, device), flagging the orderable item becomes a potential alert recipient for ALL patients. If the value is "NO", the entity (user, team, device), flagging the orderable item only becomes a potential alert recipient if that entity is "linked" to the patient. (If a device is added to the potential recipient list, it will always receive the alert.)

Users are linked to a patient if the user is the patient's attending physician, primary inpatient provider or share an OE/RR team with the patient. Teams are linked to a patient if the patient is on the team. (If a patient is on a team that has flagged an orderable item, all users on that team become potential alert recipients.) Devices (printers, etc.) are linked to a patient if the device and patient are on the same OE/RR team.

Parameter:
ORB OI ORDERED - INPT

Precedence:
User, Team (OE/RR), Device

Values:
Yes/No on multiple orderable items

Flag Items to Send Outpatient Order Notifications

This parameter is used to trigger a notification/alert when a specific orderable item is ordered for an outpatient.

If the value for the orderable item flag is “YES”, the entity (user, team, device), flagging the orderable item becomes a potential alert recipient for ALL patients. If the value is “NO”, the entity (user, team, device), flagging the orderable item only becomes a potential alert recipient if that entity is “linked” to the patient. (If a device is added to the potential recipient list, it will always receive the alert.)

Users are linked to a patient if the user is the patient’s attending physician, primary inpatient provider or share an OE/RR team with the patient. Teams are linked to a patient if the patient is on the team. (If a patient is on a team that has flagged an orderable item, all users on that team become potential alert recipients.) Devices (printers, etc.) are linked to a patient if the device and patient are on the same OE/RR team.

Parameter:
ORB OI ORDERED - OUTPT

Precedence:
User, Team (OE/RR), Device

Values:
Yes/No on multiple orderable items

Flag Item to Send Inpatient Result Notifications

This parameter is used to trigger a notification/alert when the results for a specific orderable item are returned. Results only apply to lab, imaging, and consults orders

If the value for the orderable item flag is “YES”, the entity (user, team, device), flagging the orderable item becomes a potential alert recipient for ALL patients. If the value is “NO”, the entity (user, team, device), flagging the orderable item only becomes a potential alert recipient if that entity is “linked” to the patient. (If a device is added to the potential recipient list, it will always receive the alert.)

Users are linked to a patient if the user is the patient’s attending physician, primary inpatient provider or share an OE/RR team with the patient. Teams are linked to a patient if the patient is on the team. (If a patient is on a team that has flagged an orderable item, all users on that team become potential alert recipients.) Devices (printers, etc.) are linked to a patient if the device and patient are on the same OE/RR team.

Parameter:
ORB OI RESULTS - INPT

Precedence:
User, Team (OE/RR), Device

Values:
Yes/No on multiple orderable items

Flag Item to Send Outpatient Result Notifications

This parameter is used to trigger a notification/alert when a specific orderable item is resulted for an outpatient. Results only apply to orders, which can be resulted (lab, imaging, consults.)

If the value for the orderable item flag is “YES”, the entity (user, team, device), flagging the orderable item becomes a potential alert recipient for ALL patients. If the value is “NO”, the entity (user, team, device), flagging the orderable item only becomes a potential alert recipient if that entity is “linked” to the patient. (If a device is added to the potential recipient list, it will always receive the alert.)

Users are linked to a patient if the user is the patient’s attending physician, primary inpatient provider or share an OE/RR team with the patient. Teams are linked to a patient if the patient is on the team. (If a patient is on a team that has flagged an orderable item, all users on that team become potential alert recipients.) Devices (printers, etc.) are linked to a patient if the device and patient are on the same OE/RR team.

Parameter:
ORB OI RESULTS - OUTPT

Precedence:
User, Team (OE/RR), Device

Values:
Yes/No on multiple orderable items

List of Generic Flag Reasons

This parameter allows sites to enter generic reason's for flagging orders that the users can choose in the CPRS GUI.

Parameter:
OR FLAGGED ORD REASONS

Precedence:
System

Values:
free text

Unverified Medication Orders

The number of hours to delay triggering an unverified medication order notification/alert. The maximum number of hours is 10,000.

Parameter:
ORB UNVERIFIED MED ORDER

Precedence:
Division, System, Package

Values:
Number of hours

Unverified Orders

This parameter defines the number of hours to delay triggering an unverified order notification/alert. This parameter is used for all types of orders (including medication.) The maximum number of hours is 10,000.

Parameter:
ORB UNVERIFIED ORDER

Precedence:
Division, System, Package

Values:
Number of hours

Notification Regular Recipient Devices

Default recipient devices of a notification despite settings in parameter ORB PROCESSING FLAG. These devices will always receive the notification, regardless of patient.

Parameter:
ORB DEFAULT RECIPIENT DEVICES

Precedence:
Division, System

Values:
Notification for devices

Notification Regular Recipients

Default user or team recipients of a notification despite settings in the parameter ORB PROCESSING FLAG. These users/teams will always receive the notification, regardless of patient.

Parameter:
ORB DEFAULT RECIPIENTS

Precedence:
User, Team (OE/RR)

Values:
Yes/No for Notifications (file 100.9)

Provider Recipients

Set of codes indicating default provider recipients of a notification by their title or relationship to the patient. Notifications can be set up with any or all of the following codes:

- **P (Primary Provider)** delivers notification to the patient's primary provider.
- **A (Attending Physician)** delivers notification to the patient's attending physician.
- **T (Patient Care Team)** delivers notification to the patient's primary care team.
- **O (Ordering Provider)** delivers notification to the provider who placed the order that trigger the notification.

The providers, physicians and teams must be set up properly and accurately for the correct individuals to receive the notification.

Parameter:
ORB PROVIDER RECIPIENTS

Precedence:
Division, System, Package

Values:
P, A, T and/or O for Notifications (file 100.9)

Hold Days Before Forwarding to Supervisor

The number of days before a notification is forwarded to a recipient's supervisor. The maximum is 30 days. If not indicated or zero, the notification will not be forwarded. For example, if a notification has a value of 14 for this parameter, it will be forwarded to the supervisor of each recipient who hasn't processed the notification after 14 days. Determination of recipients who have not processed the notification and who their supervisors are is made by the Kernel Alert Utility. It will not be forwarded to supervisors of recipients who have processed the alert within 14 days. If the value of this parameter is zero or non-existent, the alert/notification will never be forwarded. For this purpose, the supervisor is identified as the recipient's service/section chief.

Parameter:
ORB FORWARD SUPERVISOR

Precedence:
Division, System, Package

Values:
Number of days for Notifications (file 100.9)

Hold Days Before Forwarding to Surrogates

The number of days before a notification is forwarded to a recipient's surrogates. The maximum is 30 days. If not indicated or zero, the notification will not be forwarded. For example, if a notification has a value of 14 for this parameter, it will be forwarded to the surrogates of each recipient who haven't processed the notification after 14 days. Determination of recipients who have not processed the notification and who their surrogates are is made by the Kernel Alert Utility. It will not be forwarded to surrogates of recipients who have processed the alert within 14 days. If the value of this parameter is

zero or non-existent, the alert/notification will never be forwarded. For this purpose, the surrogate(s) are identified as the recipient's MailMan surrogate(s).

Parameter:
ORB FORWARD SURROGATES

Precedence:
Division, System, Package

Values:
Number of days for Notifications (file 100.9)

Surrogate Recipient for Notifications

Sets up a surrogate recipient to receive all notifications (Order Entry alerts), for a user.

> **Note:** **This parameter will no longer be used.** Kernel now supports this function by allowing a surrogate to be entered by the user. Alerts will be forwarded to this surrogate.

Parameter:
ORB SURROGATE RECIPIENT

Precedence:
User

Values:
User (file 200)

Notification Sort Method

Method for sorting notifications when displayed in the CPRS GUI. Methods include: by Patient, Message (text), Urgency, Info, Location, Date/Time, and Forwarded By/When.

Parameter:
ORB SORT METHOD

Precedence:
User, Division, System, Package

Values:

P	Patient
M	Message
U	Urgency
I	Info
L	Location
D	Date/Time
F	Forwarded By/When

Notification Urgency

Set of codes indicating the urgency for a notification for a site. The urgency is mainly used for sorting in displays. The codes include: 1 (High): notification is Highly urgent. 2 (Moderate): notification is Moderately urgent. 3 (Low): notification is of Low urgency.

Parameter:
ORB URGENCY

Precedence:
User, Service, Division, System, Package

Values:

1	High
2	Moderate
3	Low

Grace Period Before Deletion

The number of days to archive a notification for a site. If not indicated, the default period of 30 days is used. The maximum number of days is 100,000 or about 220 years. This value is passed to the Kernal Alert Utility where the actual archiving and deletion of alerts/notifications occurs.

Parameter:
ORB ARCHIVE PERIOD

Precedence:
Division, System, Package

Values:
Number of days for Notifications (file 100.9)

Delete Mechanism

Set of codes used to determine how a notification will be deleted at a site. Codes include: I (Individual Recipient): delete the notification for an individual recipient when a) that individual completes the follow-up action on notifications with associated follow-up action, b) that individual reviews notifications without follow-up actions. A (All Recipients): delete the notification for all recipients when a) any recipient completes the follow-up action on notifications with follow-up actions, b) any recipient reviews notifications without follow-up actions.

Parameter:
ORB DELETE MECHANISM

Precedence:
Division, System, Package

Values:
I or A for Notifications (file 100.9)

Last Date/Time Tasked Notification was Queued

This is the last date/time the tasked/time-driven notifications were processed. It is set within routines.

Parameter:
ORB LAST QUEUE DATE

Precedence:
System

Values:
Date/Time

Order Checks

Enable or Disable Order Checking System

Parameter determines if any order checking will occur. 'E' or 'Enable' indicates order checking is enabled and running. 'D' or 'Disabled' indicates order checking is disabled and not running. Can be set at the Institution, System, or Package level.

Parameter:
ORK SYSTEM ENABLE/DISABLE

Division, System, Package

Values:

E	Enable
D	Disable

Order Check Processing Flag

This is the last date/time the tasked/time-driven notifications were processed. It is set within routines.

Parameter:
ORK PROCESSING FLAG

Precedence:
System

Values:
Date/Time

Enable or Disable Debug Log

Flag indicating if an order check should be processed for a certain set of circumstances. An order check can be Enabled or Disabled. Only Enabled order checks will be processed.

Parameter:
ORK DEBUG ENABLE/DISABLE

Precedence:
User, Location, Service, Division, System, Package

Values:
E or D for Order Checks (file 100.8)

RDI Cache Time

This parameter enables users to set the length of time RDI should cache HDR data for order checking.

Parameter:
OR RDI CACHE TIME

Value
0:9999

Precedence:
System

Note: To edit the values of these parameters, users must use the OR RDI PARAMS menu. Users will not be able to use the general parameter editing menu options, such as XPAR EDIT. The default is 120 minutes.

RDI Have HDR

This parameter determines indicates if the system should check a Health Data Repository (HDR) for remote data from other VHA facilities and from Department of Defense data. The purpose of this parameter is to support the VistaOffice application that will not have an HDR.

Note: VistaOffice is a third-party version of VistA that can be used by private medical offices and other Non-VA institutions. RDI has not been tested in these settings, but the feature was included because VistA is used by other entities than the VA.

Parameter:
OR RDI HAVE HDR

Precedence:
System

Value:
Yes/No

Note: To edit the values of these parameters, users must use the OR RDI PARAMS menu. Users will not be able to use the general parameter editing menu options, such as XPAR EDIT. The default is NO, but will be set to YES when patch OR*3.0*238 is installed.

Order Check Clinical Danger Level

Package, System, and Division levels indicate the clinical danger level of an order check. Valid levels include High, Moderate, Low. The clinical danger level is used in sorting for order check display and prompting for override.

Parameter:
ORK CLINICAL DANGER LEVEL

Precedence:
Division, System, Package

Values:

0	High
1	Moderate
2	Low

CT Scanner Height Limit

This parameter is used by order checking to determine if a patient is too tall to be examined by the CAT scanner.

Parameter:
ORK CT LIMIT HT

Precedence:
Division, System

Values:
Number of inches

CT Scanner Weight Limit

This parameter is used by order checking to determine if a patient is too heavy to be safely examined by the CAT Scanner.

Parameter:
ORK CT LIMIT WT

Precedence:
Division, System

Values:
Number of pounds

MRI Scanner Height Limit

This parameter is used by order checking to determine if a patient is too tall to be safely examined by the MRI scanner.

Parameter:
ORK MRI LIMIT HT

Precedence:
Division, System

Values:
Number of inches

MRI Scanner Weight Limit

This parameter is used by order checking to determine if a patient is too heavy to be safely examined by the MRI scanner.

Parameter:
ORK MRI LIMIT WT

Precedence:
Division, System

Values:
Number of pounds

Duplicate Lab Orders Date Range

This parameter sets the number of hours backwards in time to look for duplicate lab orders. For example, a value of '24' indicates a lab procedure intended to be collected within 24 hours of the collection of the same lab procedure will trigger an order check indicating duplicate lab order. Note: if the lab procedure has an entry in the parameter OR DUP ORDER DATE RANGE OI, the OI parameter takes precedence.

Parameter:
ORK DUP ORDER RANGE LAB

Precedence:
Location, Service, Division, System, Package

Values:
Number of hours

Orderable Item Duplicate Date Range

The number of hours back in time to look for duplicate orders. For example, a value of '24' indicates if a duplicate of the orderable item was placed within the previous 24 hours, an order check indicating duplicate order will occur. A value of '0' (zero) indicates do not check for duplicates - duplicate order checking for this orderable item will not occur.

Parameter:
ORK DUP ORDER RANGE OI

Precedence:
Location, Service, Division, System

Values:
Number of hours for Orderable Items (file 101.43)

Duplicate Radiology Order Date Range

The number of hours backwards in time to look for duplicate radiology orders. For example, a value of '24' indicates a radiology/imaging procedure performed within 24 hours of the current order's effective date/ time will trigger an order check alerting the user to the duplicate.

Parameter:
ORK DUP ORDER RANGE RADIOLOGY

Precedence:
Location, Service, Division, System, Package

Values:
Number of hours

Number of Polypharmacy Medications

The number of medications used to determine polypharmacy. If the patient is taking more than the number of meds indicated by this parameter's value, polypharmacy exists. This parameter is used by the order check Polypharmacy. This parameter accepts values from 0 to 100.

Parameter:
ORK POLYPHARMACY

Precedence:
Location, Division, System, Package

Values:
Number of medications

Creatinine Results for Glucophage

The number of days to look back in time for patient's most recent creatinine. This value is used in the Glucophage - Lab Results order check.

Parameter:
ORK GLUCOPHAGE CREATININE

Precedence:
Location, Division, System, Package

Values:
Number of days

Msg To Display On Inpt Ord Of Clozapine

This parameter allows sites to set what text they would like for users to see when an inpatient order of Clozapine is made. This drug is generally ordered in an outpatient setting and thus is subject to the special order appropriateness checks. However, when ordered in an inpatient setting these checks are not done. Thus sites should determine a policy to handle this and provide instructions to users based on that policy.

Note: The above text is what is found in the parameter description. A clarification to this text will be included in the next build of CPRS. The description should read as follows:

Clozapine is usually prescribed in an outpatient setting, but it can be ordered for inpatients. However, the special appropriateness order checks that occur when finishing in the backdoor Outpatient Pharmacy setting do not occur in the finishing process in backdoor Inpatient Pharmacy. In addition, backdoor Outpatient Pharmacy sends the clozapine information to the National Clozapine Coordinating Center (NCCC) database. Some sites have directed the ordering provider to place a corresponding outpatient order when placing an inpatient clozapine order. The sites that have this policy can use the new OR CLOZ INPT MSG parameter to help reinforce this policy to the ordering providers.

Parameter:
OR CLOZ INPT MSG

Precedence:
System

Value:
Free text message

Ordering – Miscellaneous

Activate CPRS PFSS Switch

Parameter to tell CPRS if it needs to perform the PFSS functionality.

Parameter
ORWPFSS ACTIVE

Precedence
System

Values
Set of codes: 0:NO;1:Y

Note: This parameter was created to be used in testing and will not be used after the patch enabling PFSS is installed. Sites should NOT change this parameter. PFSS is in testing and will be implemented in a phased roll-out. Sites should wait until they receive instructions or a patch to activate this parameter.

Allow Clerks to act on Non-VA Med Orders

This parameter determines if clerks (i.e. users holding the OREMAS key) are allowed to act on non-VA med orders. Enter YES to permit a clerk to enter new or DC non-VA med orders and send them to Pharmacy for reports and order checks. Enter UNRELEASED ONLY to restrict clerks to only entering unreleased orders. To prohibit clerks from handling non-VA med orders entirely, select NO.

Parameter
OR OREMAS NON-VA MED ORDERS

Precedence
System

Values:
Set of codes: 0:NO;1:UNRELEASED ONLY;2:YES

Order Number

The parameter tracks the progress of the Order Text conversion job, queued off by the post-init for Patch OR*3*92.

Parameter:
OR ORDER TEXT CONVERSION

Precedence:
System

Values:
Numeric

Freq. to check times events via TaskMan

This parameter determines the number of minutes to delay between processing OCX time-based events via TaskMan. If the parameter is not set, a default of 240 minutes will be used. The maximum number of minutes is 100,000 (1667 hours or 69 days)

Parameter:
ORM TASKMAN QUEUE FREQUENCY

Precedence:
Division, System, Package

Values:
Number of minutes

Object on Order Acceptance

This parameter determines the COM Objects to activate on order acceptance

Parameter:
ORWCOM ORDER ACCEPTED

Precedence:
Division, System, Service, User

Values:
Object

OR RA RFS CARRY ON

This value will determine if CPRS will carry on the text entered in the Reason for Study field of the Radiology (Imaging) order dialog. By carry on, it is meant that when one order is entered the value entered in the Reason for Study field will be held and used again in subsequent Radiology orders.

Parameter:
OR RA RFS CARRY ON

Precedence:
System

Value:
yes/no

System Management

Time of Last ORMTIME Run

This parameter is written and accessed by ORMTIME and related processing. No direct user access is intended.

Parameter:
ORM ORMTIME LAST RUN

Precedence:
System

Values:
Number

Error Days

The number of days to keep the OE/RR Error file current.

Parameter:
ORPF ERROR DAYS

Precedence:
System

Values:
Number of days

Auto-DC

DC Generic Orders on Ward Transfer

This parameter controls the discharging of generic orders (orders that are not transmitted to any ancillary service for action) when a patient's ward location changes. If set to YES, then generic orders are discharged whenever the patient is transferred to a new location; if empty or set to NO, no automatic discharging will take place on ward transfers.

Parameter:
ORPF DC OF GENERIC ORDERS

Precedence:
System

Values:
Yes/No

DC Generic Orders on Admission

This parameter controls the discharging of generic orders (orders that are not transmitted to any ancillary service for action) when a patient is admitted. If set to YES, then generic orders are discharged whenever a patient is admitted to the hospital; if empty or set to NO, no automatic discharging will take place on admission.

Parameter:
OR DC GEN ORD ON ADMISSION

Precedence:
System

Values:
Yes/No

DC on Specialty Change

This parameter contains a list of packages whose orders are to be automatically discontinued by CPRS when a patient's treating specialty changes. If the 'DC Generic Orders on Transfer' parameter is set to WARD LOCATION or NONE, this parameter will be ignored.

Parameter:
OR DC ON SPEC CHANGE

Precedence:
System

Values:
Yes on Packages (file 9.4)

DC Reason Sequence

Parameter:
OR DC REASON LIST

Precedence:
System

Value:
Pointer

Lapse Unsigned/Unreleased Orders by Group

The purpose of this parameter is to store the number of days that old orders will be lapsed. This parameter is multi valued with an instance term of DISPLAY GROUPS. Thus the way it works is that you can set "Display Group A" so that old orders from this display group will lapse in 10 days for instance. Then you could have "Display Group B" set so that those orders would lapse when they are 20 days old. Display groups not individually set by this parameter are affected by the OR LAPSE ORDERS DFLT parameter.

By lapsing, it is meant that the order is placed in a LAPSED status. Also see the description for parameter OR LAPSE ORDERS DFLT.

Parameter:
OR LAPSE ORDERS

Precedence:
Division, System

Value:
Number Of Days

Lapse Unsigned/Unreleased Orders Default

The purpose of this parameter is to store the number of days that old orders will be lapsed when those orders are from a DISPLAY GROUP that does not have parameter OR LAPSE ORDERS set. The default value that is set in this parameter will affect all orders that do not have a specific DISPLAY GROUP value. Thus if both "Display Group A" and "Display Group B" have parameter OR LAPSE ORDERS set for them but "Display Group C" does not, then orders from "Display Group C" will get lapsed in the number of days specified in OR LAPSE ORDERS DFLT.

Parameter:
OR LAPSE ORDERS DFLT

Precedence:
System, Division

Value:
Number of days

Patient Movement Actions

Review on Patient Movement

This parameter allows orders to be reviewed when a patient is transferred or discharged, and when a clinic appointment is made or canceled.

Parameter:
ORPF REVIEW ON PATIENT MVMT

Precedence:
System

Values:
Yes/No

Not Specific to Ordering

General Behavior (GUI)

Timeout for GUI Chart

This value overrides the user's DTIME only in the case of the CPRS chart, Windows version (CPRSChart.exe).

Parameter:
ORWOR TIMEOUT CHART

Precedence:
User, System

Values:
Number of seconds

Countdown Seconds upon Timeout

This value is the number of seconds used for the countdown when the timeout notification window appears.

Parameter:
ORWOR TIMEOUT COUNTDOWN

Precedence:
User, System, Package

Values:
Number of seconds

CPRS GUI Tool Menu

This parameter may be used to identify which items should appear on the tools menu that is displayed by the CPRS GUI. Each item should contain a name that should be displayed on the menu, followed by an equal sign, followed by the command string used to invoke the executable. This string may also include parameters that are passed to the executable.

Some example entries are:

```
Hospital Policy=C:\WINNT\SYSTEM32\VIEWERS\QUIKVIEW.EXE LOCPLCY.DOC
VISTA Terminal=C:\PROGRA~1\KEA\KEAVT.EXE VISTA.KTC
```

An ampersand may be used in the name portion to identify a letter that should be underlined on the menu for quick keyboard access. For example, to underscore the letter H in Hospital Policy, enter &Hospital Policy as the name part.

Parameter:
ORWT TOOLS MENU

Precedence:
User, Location, Service, Division, System, Package

Values:
Sequence of commands

Broadcast Window Messages to Other Applications

This parameter may be used to disable the use of windows messaging to notify other applications of CPRS events. Normally, this parameter should be set to 'Yes'. If other applications do not respond appropriately to broadcast messages, this parameter may be set to 'No' to debug these applications.

Parameter:
ORWOR BROADCAST MESSAGES

Precedence:
User, System, Package

Values:
Yes/No

Disable Web Links in GUI

When this parameter is set to yes, web links in the CPRS GUI will be disabled or hidden.

Parameter:
ORWOR DISABLE WEB ACCESS

Precedence:
User, Division, System, Package

Values:
Yes/No

VISTAWEB Address

A new parameter has been created to allow sites to edit the web address that points to the VistaWeb interface. Prior to this change, the web address was hard coded in Delphi. Now sites can change this parameter for testing in test accounts, or if the VistaWeb web address changes in the future.

Parameter:
ORWRP VISTAWEB ADDRESS

Precedence:
User, Division, System, Package

Value:
Free-text (web address without calculated parameters)

Note: The value of this parameter should NOT include any parameters in the address, because these are calculated when the call to VistaWeb is made. For example if the VistaWeb address is:
https://vistaweb.med.va.gov/ToolsPage.aspx?q9gtw0=660&xqi4z=%DFN&yiicf=%DUZ

…the value of ORWRP VISTAWEB ADDRESS should be:
https://vistaweb.med.va.gov/ToolsPage.aspx

If no value is entered for this parameter, then CPRS will default to:
https://vistaweb.med.va.gov

Turn Remote Queries to HDR On

This parameter determines if Remote patient queries are done to the HDR. The values for this parameter can be controlled down to the USER entity.

Parameter:
ORWRP HDR ON

Precedence:
User, Division, System, Package

Value:
yes/no

WARNING: Sites should not enable this parameter until they receive official instructions. There is the possibility that inaccurate or misaligned data could be displayed in CPRS. A future patch will either provide instructions or activate the ORWRP HDR ON parameter.

Desktop Layout (GUI)

Form or Control Boundaries

This parameter records bounds (position & size) information for the forms and controls in CPRSChart (Patient Chart GUI). The individual properties are comma delimited (left, top, width, height).

Parameter:
ORWCH BOUNDS

Precedence:
User, Package

Values:
Free Text

Control Width

This records the widths of each column in a grid type control. The column widths are entered from left to right and delimited by commas. For example, “50,260,25,78,129”.

Parameter:
ORWCH WIDTH

Precedence:
User, Package

Values:
Free Text

Column Width

This records the width property for a control in CPRSChart (Patient Chart GUI). In particular, it is used for recording the positions of splitter bars.

Parameter:
ORWCH COLUMNS

Precedence:
User, Package

Values:
Numeric entries on forms

Font Size for Chart

This saves the preferred font size for CPRS Chart.

Parameter:
ORWCH FONT SIZE

Precedence:
User, Division, System

Values:
Number of point size

Initial Tab Views

Initial Tab when CPRS Starts

This parameter identifies the tab that should be initially displayed when CPRS first starts. If ORCH USE LAST TAB is 'no', this tab is also used whenever a new patient is selected.

Parameter:
ORCH INITIAL TAB

Precedence:
User, Division, System, Package

Values:

0	Cover
1	Problems
2	Meds
3	Orders
4	Notes
5	Consults
6	DCSumm
7	Labs
8	Reports

Use Last Selected Tab on Patient Change

When this parameter is set to yes, CPRS will open to the last selected tab whenever changing patients. When set to no, CPRS will open to the tab identified by ORCH INITIAL TAB.

Parameter:
ORCH USE LAST TAB

Precedence:
User, Division, System, Package

Values:
Yes/No

Consults Tab Context

Saves the user's preferred view when on the consults tab.

Parameter:
ORCH CONTEXT CONSULTS

Precedence:
User, System, Package

Values:
Free Text

Labs Tab Inpatient Context

Saves the user's preferred view when on the labs tab (for an inpatient).

Parameter:
ORCH CONTEXT INPT LABS

Precedence:
User, System, Package

Values:
Free Text

Labs Tab Outpatient Context

Saves the user's preferred view when on the labs tab (for an outpatient)

Parameter:
ORCH CONTEXT OUTPT LABS

Precedence:
User, System, Package

Values:
Free Text

Meds Tab Context

Specifies a date range (in days) for Meds tab display that dictates the length of time orders are displayed. The parameter provides strings of delimited (";) pieces, the first two of which are always a relative date range. Users can determine the date range of medications that display on the Medications tab through the Tools | Options… pull-down menu in CPRS.

This parameter functions independently of display settings for the Orders tab. If you need to alter the display range for expired medication orders on the Orders tab, please adjust the ORWOR EXPIRED ORDERS parameter accordingly.

Parameter:
ORCH CONTEXT MEDS

Precedence:
User, System, Package

Values:
Free Text

Notes Tab Context

Saves the user's preferred view when on the notes tab.

Parameter:
ORCH CONTEXT NOTES

Precedence:
User, System, Package

Values:
Free Text

Orders Tab Context

Saves the user's preferred view when on the orders tab. A semi-colon delimits elements of the view. The contents of the parameter are:

BeginTime;EndTime;Status;DisplayGroup;Format;Chronological;ByGroup

where,

1 BeginTime is the earliest relative order date/time (T-1, T-30, etc.)

2 EndTime is the latest relative order date/time (NOW, T, T-20, etc.)

3 Status is the number passed as the FLG field to EN^ORQ1

4 DisplayGroup is the short name of the display group

5 Format is "L" for long and "S" for short

6 Chronological is "R" for reverse and "F" for forward

7 ByGroup is "1" if the orders should be grouped by display group

Parameter:
ORCH CONTEXT ORDERS

Precedence:
User, System, Package

Values:
Free Text (formatted as described)

Problems Tab Context

Saves the user's preferred view when on the problems tab.

Parameter:
ORCH CONTEXT PROBLEMS

Precedence:
User, System, Package

Values:
Free Text

Reports Columns Widths

Records the width of each column in a grid on the Reports tab. The column width is entered from left to right and delimited by commas. For example, "50,260,25,78,129".

Parameter:
ORWCH COLUMNS REPORTS

Precedence:
User, Package

Values:
Free Text

Reports Tab Context
Saves the user's preferred view when on the reports tab.

Parameter:
ORCH CONTEXT REPORTS

Precedence:
User, System, Package

Values:
Free Text

Summaries Tab Context
Saves the user's preferred view when on the summaries tab.

Parameter:
ORCH CONTEXT SUMMRIES

Precedence:
User, System, Package

Values:
Free Text

Imaging Tab Context
Saves the user's preferred view when on the imaging tab.

Parameter:
ORCH CONTEXT XRAYS

Precedence:
User, System, Package

Values:
Free Text

Patient Selection

Select Patient From

Default preference for patient list source. Valid values include:

T Team/Personal List

W Ward List

C Clinic List

P Provider List

S Specialty List

M Combination List

Parameter:
ORLP DEFAULT LIST SOURCE

Precedence:
User, Service

Values:

T Team/Personal List

W Ward List

C Clinic List

P Provider List

S Specialty List

M Combination List

Sort Order

Default sort order for the patient list. Room/Bed is valid only for inpatients list (Ward, Team/Personal Team, Provider, Specialty). Appointment Date is valid only for outpatient lists (Clinic) and Combination lists. Source is valid only for Combination lists.

Parameter:
ORLP DEFAULT LIST ORDER

Precedence:
User, Service, Division, System, Package

Values:

A Alphabetical

R Room/Bed

P Appointment Date

T Terminal Digit

S Source

Clinic Start Date

Patients with appointment dates as early as this date will be added to the Clinic List. Patients will be added with appointment dates between START DATE and STOP DATE.

Parameter:
ORLP DEFAULT CLINIC START DATE

Precedence:
User, Service, Division, System, Package

Values:
Free Text

Clinic Stop Date

Patients with appointment dates as recent as this date will be added to the Clinic List. Patients will be added with appointment dates between START DATE and STOP DATE.

Parameter:
ORLP DEFAULT CLINIC STOP DATE

Precedence:
User, Service, Division, System, Package

Values:
Free Text

Monday's Clinic

Clinic identified as a default source for patients on Monday.

Parameter:
ORLP DEFAULT CLINIC MONDAY

Precedence:
User, Service

Values:
Clinic entry (file 44)

Tuesday's Clinic

Clinic to be default for determining patient list on Tuesdays.

Parameter:
ORLP DEFAULT CLINIC TUESDAY

Precedence:
User, Service

Values:
Clinic entry (file 44)

Wednesday's Clinic
Clinic to be default source of Wednesday's patient list.

Parameter:
ORLP DEFAULT CLINIC WEDNESDAY

Precedence:
User, Service

Values:
Clinic entry (file 44)

Thursday's Clinic
Clinic to be default source of Thursday's patient list.

Parameter:
ORLP DEFAULT CLINIC THURSDAY

Precedence:
User, Service

Values:
Clinic entry (file 44)

Friday's Clinic
Clinic to be default source of Friday's patient list.

Parameter:
ORLP DEFAULT CLINIC FRIDAY

Precedence:
User, Service

Values:
Clinic entry (file 44)

Saturday's Clinic
Clinic to be default source of Saturday's patient list.

Parameter:
ORLP DEFAULT CLINIC SATURDAY

Precedence:
User, Service

Values:
Clinic entry (file 44)

Sunday's Clinic
Clinic to be default source of Sunday's patient list.

Parameter:
ORLP DEFAULT CLINIC SUNDAY

Precedence:
User, Service

Values:
Clinic entry (file 44)

Provider
Provider who is basis for building the Provider List of patients.

Parameter:
ORLP DEFAULT PROVIDER

Precedence:
User, Service

Values:
Provider entry (file 200)

Specialty
Treating Specialty used as a source for patients on the Specialty List.

Parameter:
ORLP DEFAULT SPECIALTY

Precedence:
User, Service

Values:
Specialty entry (file 45.7)

Team/Personal
Team/Personal list to be default source of patients.

Parameter:
ORLP DEFAULT TEAM

Precedence:
User, Service

Values:
Team entry (file 100.21)

Ward
Ward for default list of patients.

Parameter:
ORLP DEFAULT WARD

Precedence:
User, Service

Values:
Ward entry (file 42)

Auto-Close Patient Messages
This parameter controls how long the patient messages window displays before automatically closing. The default is 5. If the number of seconds is set to 0, the window will remain open until the user clicks it closed.

Parameter:
ORWOR AUTO CLOSE PT MSG

Precedence:
User, System, Package

Values:
Number of seconds

Object on Patient Selection
This parameter indicates the COM Object on patient selection.

Parameter:
ORWCOM PATIENT SELECTED

Precedence:
System, Division, Service, Service

Value Term:
COM Object

Reminders

Default Outside Locations
Returns a list of default outside locations for display in a reminder dialog.

Parameter:
ORQQPX DEFAULT LOCATIONS

Precedence:
User, Service, Division, System, Package

Values:
Free text

Reminder Folders

This parameter is used and set by the CPRS GUI. Each letter represents a reminder folder that is visible in the reminders tree.

Parameter:
ORQQPX REMINDERS FOLDERS

Precedence:
User, Service, Division, System, Package

Values:
Free text

Position Reminder Text at Cursor

Allows text generated by a reminder dialog, when processing a reminder, to be inserted at the current cursor location instead of at the bottom of the note.

Parameter:
ORQQPX REMINDER TEXT AT CURSOR

Precedence:
User, Service, Division, System

Values:
0 - No

1 – Yes

Use MH DLL?

This parameter allows sites to stop CPRS from using the MH DLL when processing a MH test in a Reminder Dialog.

The default for this parameter is Y. This parameter should only be set to N if the site is having problems with CPRS and the MH DLL.

Parameter:
OR USE MH DLL

Precedence:
System

Values:
0:NO;1:YES

Cover Sheet

Mark Allergy/ADR as Entered in Error

This parameter will control whether or not a user has access to the entered in error functionality available on the cover sheet in CPRS GUI.

Parameter
OR ALLERGY ENTERED IN ERROR

Precedence
User, Class, Division, System

Value
Yes/No

Cover Sheet Reminders by User Class

This parameter works in conjunction with the ORQQPX COVER SHEET REMINDERS parameter, acting as another level to the cumulative parameter of User Class, inserted between the User and Location Levels. Each line of the Value word processing field represents a different reminder or category, and is in the format Sequence;FlagTypeIEN, where Flag indicates L:Lock, R:Remove or N:Normal, Type is a 'C' or 'R', indicating that # is the internal entry number of a Category or a Reminder.

Parameter:
ORQQPX COVER SHEET REM CLASSES

Precedence:
System

Values:
Word processing

New Cover Sheet Reminders Parameters

This parameter is cumulative, so sequence ranges should be assigned. Values are in the form of FlagTypeIEN, where Flag indicates L:Lock, R:Remove or N:Normal, Type is a 'C' or 'R', indicating that # is the internal entry number of a Category or a Reminder.

Parameter:
ORQQPX COVER SHEET REMINDERS

Precedence:
User, Location, Service, Division, Package, System

Values:
Free text

Use New Reminders Parameters

This parameter indicates if the New Cover Sheet Reminders should be used.

Parameter:
ORQQPX NEW REMINDERS PARAMS

Precedence:
User, Service, Division, System, Package

Values:
0 – No

1 – Yes

List of Cover Sheet Reports

This parameter allows a custom view of the Cover Sheet in the CPRS GUI.

Parameter:
ORWCV1 COVERSHEET LIST

Precedence:
System, User, Package, Division

Values:
Pointer

Cover Sheet Retrieval Mode

This parameter controls whether each cover sheet section is loaded in the foreground or background.

Parameter:
ORWOR COVER RETRIEVAL

Precedence:
System, Package

Values:

P	Problem List
C	CWAD (Postings)
M	Medications
R	Reminders
L	Lab Results
V	Vitals
E	Encounters

Coversheet List

This parameter allows customization of the Cover Sheet with sequencing. Templates: ORQQ SEARCH RANGE (USER); ORQQ SEARCH RANGE (SYSTEM).

Parameter:
ORWCV1 COVERSHEET LIST

Precedence:
User, Division, System, Package

Values:

Cover Retrieval

This parameter replaces the parameter ORWOR COVER RETRIEVAL, which worked off a set of codes. The new parameter uses the new file OE/RR Reports (#101.24). Templates: ORQQ SEARCH RANGE (SYSTEM).

Parameter:
ORWOR COVER RETRIEVAL NEW

Precedence:
Division, System, Package

Clinical Reminders for Search

Returns an array of clinical reminders for a patient which can then be used for searches and displays similar to the way they are used in Health Summary.

Parameter:
ORQQPX SEARCH ITEMS

Precedence:
User, Location, Service, Division, System, Package

Values:
Sequence of Clinical Reminders (file 811.9)

Inpatient Lab Number of Days to Display

The number of days backwards in time to search for lab orders/results. If not indicated, the default period of 2 days will be used. The maximum number of days is 100,000 or about 220 years for inpatients.

Parameter:
ORQQLR DATE RANGE INPT

Precedence:
User, Location, Service, Division, System, Package

Values:
Number of days

Outpatient Lab Number of Days to Display

The number of days backwards in time to search for lab orders/results. If not indicated, the default period of 30 days will be used. The maximum number of days is 100,000 or about 220 years for outpatients.

Parameter:
ORQQLR DATE RANGE OUTPT

Precedence:
User, Service, Division, System, Package

Values:
Number of days

Visit Search Start Date

NOTE: This parameter is no longer used in CPRS. The parameter ORQQEAPT ENC APPT START now controls how many days in the past CPRS searches to display visits on the Encounter form.

Returns the relative date to start listing visits for a patient. For example, ‘T-90’ will list visits beginning 90 days before today.

Parameter:
ORQQVS SEARCH RANGE START

Precedence:
User, Service, Division, System, Package

Values:
Free Text (formatted)

Appointment Search Stop Date

NOTE: This parameter is no longer used in CPRS. The parameter ORQQCSDR CS RANGE START now controls how many days back CPRS searches to display appointments, visits, and admissions on the Cover Sheet.

Returns the relative date to end listing visits for a patient. For example, ‘T’ will not list visits later than today. ‘T+30’ will not list visits after 30 days from now.

Parameter:
ORQQAP SEARCH RANGE STOP

Precedence:
User, Service, Division, System, Package

Values:
Free Text (formatted)

Cover Sheet Visit Range Start

Returns the relative date to start listing visits for a patient on the Cover Sheet. For example, 'T-90' will list visits beginning 90 days before today.

Parameter:
ORQQCSDR CS RANGE START

Precedence:
User, Service, Division, System, Package

Values:
Free Text

Cover Sheet Visit Range Stop

Returns the relative date to stop listing visits for a patient on the Cover Sheet. For example, 'T+2' will list visits ending two days from today.

Parameter:
ORQQCSDR CS RANGE STOP

Precedence:
User, Service, Division, System, Package

Values:
Free Text

Notes / Encounter

Anytime Encounters

This parameter allows encounter data to be entered at any time, even when a note is not being edited.

Parameter:
ORWPCE ANYTIME ENCOUNTERS

Precedence:
User, Service, Division, System

Values:
0 – No

1 – Yes

Enc Appt Range Start Offset

Returns the relative number of days before Today to begin listing appointments (0=Today, 1=Today-1 Day, etc.).

Parameter:
ORQQEAPT ENC APPT START

Precedence:
User, Service, Division, System, Package

Values:
Numeric

Enc Appt Range Stop Offset

Returns the relative number of days from Today to stop listing appointments (0=Today, 1=Today+1 Day, etc.).

Parameter:
ORQQEAPT ENC APPT STOP

Precedence:
User, Service, Division, System, Package

Values:
Numeric

Future Days Limit For PCE Selection

Number of days from Today when warning is given to user upon selection of a future appointment for Encounters.

Parameter:
ORQQEAFL ENC APPT FUTURE LIMIT

Precedence:
System, Package, Division

Values:
Numeric

Disable Automatic Checkout

This parameter disables the automatic checkout of encounters that do not have diagnosis, procedure, or provider information

Parameter:
ORWPCE DISABLE AUTO CHECKOUT

Precedence:
User, Location, Service, Division, System

Values:
0 – No

1 – Yes

Disable Auto Visit Type

When set to "Yes," this parameter prevents the automatic selection of a Type of Visit on the Visit tab of the Encounter form.

Parameter:
ORWPCE DISABLE AUTO VISIT TYPE

Precedence:
User, Location, Service, Division, System

Values:
0 – No

1 – Yes

Note: Normally, when first entering the Visit Type tab of the encounter form, the first Type of Visit defined for that encounter location is automatically selected. For some clinics that see a wide variety of different patient types, this behavior leads to user error where the wrong type of visit is selected. The ORWPCE DISABLE AUTO VISIT TYPE parameter can be set to force the selection of a Type of Visit before allowing selection of an E&M code.

Excluded Exams

This parameter contains exams that are excluded from the list of Other Exams displayed in the Encounter form.

Parameter:
ORWPCE EXCLUDED EXAMS

Precedence:
User, Location, Service, Division, System, Package

Values:
Pointer

Excluded Health Factors

This parameter contains health factors that are excluded from the list of Other Health Factors displayed in the Encounter form.

Parameter:
ORWPCE EXCLUDE HEALTH FACTORS

Precedence:
User, Location, Service, Division, System, Package

Values:
Pointers

Excluded Immunizations

This parameter contains immunizations that are excluded from the list of Other Immunizations displayed in the Encounter form.

Parameter:
ORWPCE EXCLUDE IMMUNIZATIONS

Precedence:
User, Location, Service, Division, System, Package

Values:
Sequence number

Excluded Patient Education Topics

This parameter contains patient education topics that are excluded from the list of Other Education Topics displayed in the Encounter form.

Parameter:
ORWPCE EXCLUDE PATIENT ED

Precedence:
User, Location, Service, Division, System, Package

Values:
Pointer

Excluded Skin Tests

This parameter contains skin tests that are excluded from the lists of Other Skin Tests displayed in the Encounter form.

Parameter:
ORWPCE EXCLUDE SKIN TESTS

Precedence:
User, Location, Service, Division, System, Package

Values:
Numeric sequence representing skin test

OR GROUP NOTES LOCATIONS

This parameter enables sites to specify for which locations authorized users can write group notes. Specifying locations is a security feature to help ensure that group notes are not written for inappropriate uses. The parameter stores pointers to a location in the Hospital Location file (File #44).

Parameter:
OR GN LOCATIONS

Precedence:
Division, System, Package

Value:
Pointer

Verify Note Title

If this parameter is set to YES, the window that allows the user to change a note title will appear whenever the user starts to enter a new note, even if they have a default title. If the parameter is set to NO, -and- the user has a default title, that title will be automatically loaded when a new note is entered.

Parameter:
ORWOR VERIFY NOTE TITLE

Precedence:
User, Division, System, Package

Values:
Yes/No

Show Unresolved Consults

If this parameter is set to YES, when starting a new note, a check will be made to determine if the current patient has pending, active or scheduled consult requests that the current user is authorized to complete/update. If any are found, a dialog will be displayed asking if the user would like to see a list of these consults. If this parameter is set to 'no', the dialog will not be displayed. Clicking "YES" will display the note title selection screen with unresolved consults listed below. Clicking "IGNORE" will proceed to the same title selection screen as if writing a progress note, and not display the consults. The exported PACKAGE value for this new parameter is to display the message (YES).

Parameter:
ORWOR SHOW CONSULTS

Precedence:
User, Division, System, Package

Values
Yes/No

Interval for Autosave of Notes

This parameter determines how many seconds should elapse between each auto-save of a note that is being edited in the GUI.

Parameter:
ORWOR AUTOSAVE NOTE

Precedence:
User, System, Package

Values:
Number of seconds

Ask Encounter Update

When signing a note in the CPRS GUI, this parameter is used to determine under what conditions to request the user enter encounter information. Note that encounter data is never required for inpatients.

0	User is the Primary Encounter Provider, and Encounter Data is Needed
1	User is the Primary Encounter Provider, and Patient is an Outpatient
2	User is the Primary Encounter Provider
3	Encounter Data is Needed
4	Patient is an Outpatient
5	Always

Parameter:
ORWPCE ASK ENCOUNTER UPDATE

Precedence:
User, Location, Service, Division, System, Package

Values:

0	Primary/Data Needed
1	Primary/Outpatient
2	Primary Always
3	Data Needed
4	Outpatient
5	Always

Force PCE Entry

This parameter is used in the CPRS GUI to determine if PCE encounter information must be entered when required for a note.

Parameter:
ORWPCE FORCE PCE ENTRY

Precedence:
User, Location, Service, Division, System, Package

Values:
Yes/No

Reports

List of Lab Reports

This parameter allows a custom list of reports, with sequencing, on the Labs tab.

Parameter:
ORWRP REPORT LAB LIST

Precedence:
System, User, Package, Division

Values:
Numeric sequence of reports

List of Reports

This parameter allows a custom list of reports, with sequencing, on the Reports tab.

Parameter:
ORWRP REPORT LIST

Precedence:
System, User, Package, Division

Values:
Numeric sequence of reports

Allow Remote Data Access

Allows access to remote patient data.

Parameter:
ORWRP CIRN REMOTE DATA ALLOW

Precedence:
User, Division, System, Package

Values:
Yes/No

Remote Access Allowed

Allows remote access to this site. Enter the institutions allowed for remote data.

Parameter:
ORWRP CIRN SITES

Precedence:
Division System

Values:
Yes/No on Institutions (file 4)

Allow Remote Data Access to All Sites

Allow remote data access to all sites.

Parameter:
ORWRP CIRN SITES ALL

Precedence:
Division, System

Values:
Yes/No

List All Health Summary Types

This parameter overrides the ORWRP HEALTH SUMMARY TYPE LIST by making all health summary types available, in alphabetic order.

Parameter:
ORWRP HEALTH SUMMARY LIST ALL

Precedence:
User, Division, System

Values:
Yes/No

Allowable Health Summary Types

Health Summary types that may be displayed by the CPRS GUI should be entered here. Only health summaries that do no additional prompting may be selected (i.e., all time and occurrence limits must be already defined). The exception to this is the Ad hoc Health Summary (GMTS HS ADHOC OPTION). The Ad hoc is a special case that is handled by the GUI.

Parameter:
ORWRP HEALTH SUMMARY TYPE LIST

Precedence:
User, System

Values:
Sequence of Health Summary Types (file 142)

Adhoc Health Summary Lookup

This parameter determines the lookup used to populate the Adhoc Health Summary types in CPRS Report Tab when an Adhoc report is requested.

Parameter:
ORWRP ADHOC LOOKUP

Precedence:
User, Division, System, Package

Value Data Type:
Set of Codes

Default time/occ for all reports

This parameter sets a default for all reports found on the Reports tab. Individual values of this parameter, for each report can be set by editing the parameter ORWRP TIME/OCC LIMITS ALL.

Parameter:
ORWRP TIME/OCC LIMITS ALL

Precedence:
User, Division, System, Package

Values:
Free text

Report Time & occurrence limits

This parameter sets the default time and occurrence limits for reports found on the Reports tab.

Parameter:
ORWRP TIME/OCC LIMITS INDV

Precedence:
User

Values:
Free text

Surgery

Show Surgery Tab in GUI

This parameter determines if the Surgery tab is visible.

Parameter:
ORWOR SHOW SURGERY TAB

Precedence:
User, Division, System, Package

Values:
0, 1

Surgery Tab Context

This parameter determines the current view context for the Surgery tab.

Parameter:
ORCH CONTEXT SURGERY

Precedence:
User, System, Package

Values:
Free Text

Graphing

CPRS Graph Exclude Data Types

DESCRIPTION: Used to exclude data types from being used by graphing. Value is semicolon delimited list of files to be excluded.

Parameter:
ORWG GRAPH EXCLUDE DATA TYPE

Precedence:
System, Division, Package, Service, User

Values:
Free text

CPRS Graph Position and Sizes

This parameter is used internally to save positions of graph forms.

Parameter:
ORWG GRAPH SIZING

Precedence:
User, Package

Values:
Free Text

CPRS Graph Public Editor Classes

This parameter contains a list of ASU user classes whose members are allowed to edit public views and settings for graphs. Users that belong to the user class for a specific entity have this authority.

For example:

Parameter	Instance	Value
SYS: VASITE.MED.VA.GOV	2	CLINICAL COORDINATOR

This provides Technical Users and Clinical Coordinators on this system with access to edit public views and settings on graphs.

Parameter:
ORWG GRAPH PUBLIC EDITOR CLASS

Precedence:
System

Values:
Pointer

CPRS Graph Settings

Used as preference of graph default styles and sources. Deletion of this value at the Package level will disable graphing. User settings and public default should use the Graph Settings dialog to change these values. The structure of this parameter is a | delimited | string where the pieces are:

1 - file listing delimited by ;

2 - options where the corresponding letter activates that feature

3 - sort column number (used internally)

4 - max graphs

5 - min graph height

6 - (not used)

7 - max selection

8 - max selection limit (may be set to at system level to limit number of items that users may select for graphing—default is 1000)

Files:

Admissions - 405, Allergies - 120.8, Anatomic Pathology - 63AP, Blood Bank - 63BB, Exams - 9000010.13, Health Factors - 9000010.23, Immunizations - 9000010.11, Lab Tests - 63, Medication, BCMA - 53.79, Medication, Inpatient - 55, Medication, Non-VA - 55NVA, Medication, Outpatient - 52, Medicine - 690, Mental Health - 601.2, Microbiology - 63MI, Notes - 8925, Orders - 100, Patient Education - 9000010.16, Problems - 9000011, Procedures - 9000010.18, Purpose of Visit - 9000010.07, Radiology Exams - 70, Registration, DX - 45DX, Registration, OP/Proc - 45OP, Skin Tests - 9000010.12, Surgery - 130, Visits - 9000010, Vitals - 120.5

Also (for grouping):

Drug Class - 50.605, Reminder Taxonomy - 811.2

Options:

A - 3D, B - Clear Background, C - Dates, D - Gradient, E - Hints, F - Legend, G - Lines, H - Sort by Type, I - Stay on Top, J - Values, K - Zoom, Horizontal, L - Zoom, Vertical , M - Fixed Date Range

Parameter:
ORWG GRAPH SETTING

Precedence:
User, Package, System

Values:
Free text

CPRS Graph Views

This parameter is used internally to store graph views. Graph views are edited using the Define Views dialog.

Parameter:
ORWG GRAPH VIEW

Value:
Word processing

Precedence:
User, System

Appendix E - Parameters By Name

OR ADD ORDERS MENU

DISPLAY TEXT: Add New Orders

VALUE TERM: Add Order Menu Default

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.41

VALUE HELP: Enter the preferred menu of orders to select from when adding orders

DESCRIPTION: This defines the preferred menu to select from when adding new orders, typically containing package ordering dialogs, quick (pre-answered) orders, or sub-menus.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 4 ENTITY FILE: LOCATION
PRECEDENCE: 7 ENTITY FILE: SYSTEM
PRECEDENCE: 9 ENTITY FILE: PACKAGE
PRECEDENCE: 6 ENTITY FILE: DIVISION
PRECEDENCE: 5 ENTITY FILE: SERVICE

OR ADMIN TIME HELP TEXT

DISPLAY TEXT: CPRS Administration Times Help Text

VALUE TERM: CPRS Administration Times Help Text

VALUE DATA TYPE: word processing

PRECEDENCE: 6 ENTITY FILE: SYSTEM

OR ALLERGY ENTERED IN ERROR

DISPLAY TEXT: Mark allergy/adr as entered in error

VALUE TERM: Allow marking entry as entered in error

VALUE DATA TYPE: yes/no

VALUE HELP: Enter YES if user should be allowed to use the entered in error functionality

DESCRIPTION: This parameter will control whether or not a user has access to the entered in error functionality available on the cover sheet in CPRS GUI.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: CLASS
PRECEDENCE: 3 ENTITY FILE: DIVISION
PRECEDENCE: 4 ENTITY FILE: SYSTEM

OR BILLING AWARENESS BY USER

DISPLAY TEXT: Enable Billing Awareness by User

VALUE TERM: Enable Billing Awareness By User

VALUE DATA TYPE: Set of codes

VALUE DOMAIN: 0:NO;1:YES

VALUE HELP: Enter 1 to enable Billing Awareness for the Clinician or enter 0 to disable

DESCRIPTION: This parameter enables the entry of Billing Awareness data in the sign order CPRS window if value is set to 1. Otherwise the Clinician will not be required to enter Billing Awareness data if value is set to 0.

PRECEDENCE: 1 ENTITY FILE: USER

OR CLOZ INPT MSG

DISPLAY TEXT: Msg To Display On Inpt Ord Of Clozapine

MULTIPLE VALUED: No

INSTANCE TERM: Free Text

VALUE TERM: MSG TO DISPLAY ON INPT ORD OF CLOZAPINE

VALUE DATA TYPE: word processing

VALUE HELP: Enter a message to display when an Inpat. Order of Clozapine is made

INSTANCE DATA TYPE: free text

DESCRIPTION: This parameter allows sites to set what text they would like for users to see when an inpatient order of Clozapine is made. This drug is generally ordered in an outpatient setting and thus is subject to the special order appropriateness checks. However, when ordered in an inpatient setting these checks are not done. Thus, sites should determine a policy to handle this and provide instructions to users based on that policy.

Note: The above text is what is found in the parameter description. A clarification to this text will be included in the next build of CPRS. The parameter description should read as follows:

> Clozapine is usually prescribed in an outpatient setting, but it can be ordered for inpatients. However, the special appropriateness order checks that occur when finishing in the backdoor Outpatient Pharmacy setting do not occur in the finishing process in backdoor Inpatient Pharmacy. In addition, backdoor Outpatient Pharmacy sends the clozapine information to the National Clozapine Coordinating Center (NCCC) database. Some sites have directed the ordering provider to place a corresponding outpatient order when placing an inpatient clozapine order. The sites that have this policy can use the new OR CLOZ INPT MSG parameter to help reinforce this policy to the ordering providers.

PRECEDENCE: 6 ENTITY FILE: SYSTEM

OR DC GEN ORD ON ADMISSION

DISPLAY TEXT: DC Generic Orders on Admission

VALUE TERM: DC GENERIC ORDERS ON ADMISSION

VALUE DATA TYPE: yes/no

VALUE HELP: Enter YES to have a patient's active generic orders discharged on admission.

DESCRIPTION: This parameter controls the discharging of generic orders (orders that are not transmitted to any ancillary service for action) when a patient is admitted. If set to YES, then generic orders are discharged whenever a patient is admitted to the hospital; if empty or set to NO, no automatic discharging will take place on admission.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

OR DC ON SPEC CHANGE

DISPLAY TEXT: DC on Specialty Change

MULTIPLE VALUED: Yes

INSTANCE TERM: PACKAGE

VALUE DATA TYPE: set of codes

VALUE DOMAIN: 1:YES

VALUE HELP: Enter YES if orders to this package are to be auto-discharged on a specialty change.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 9.4

INSTANCE HELP: Select a package whose orders are to be auto-discharged on a specialty change.

DESCRIPTION: This parameter contains a list of packages whose orders are to be automatically discontinued by CPRS when a patient's treating specialty changes. If the 'DC Generic Orders on Transfer' parameter is set to WARD LOCATION or NONE, this parameter will be ignored.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

OR DC REASON LIST

DISPLAY TEXT: DC Reason Sequence

MULTIPLE VALUED: Yes

INSTANCE TERM: Display Sequence

VALUE DATA TYPE: Pointer

VALUE DOMAIN: 100.03

VALUE HELP: Enter the sequence you want the order DC reason to appear.

INSTANCE DATA TYPE: numeric

PRECEDENCE: 1 ENTITY FILE: SYSTEM

OR FLAGGED ORD REASONS

DISPLAY TEXT: List of generic Flag reasons

MULTIPLE VALUED: Yes

INSTANCE TERM: sequence

VALUE TERM: Reason

VALUE DATA TYPE: free text

VALUE DOMAIN: 0:80

VALUE HELP: Enter a generic reason for flagging an order (1-80 characters)

KEYWORD: flag

INSTANCE DATA TYPE: numeric

INSTANCE DOMAIN: 0:999:0

INSTANCE HELP: Enter the sequence in which the reason should appear in the displayed list

DESCRIPTION: This parameter allows sites to enter generic reason's for flagging orders that the users can choose in the CPRS GUI.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

OR GN LOCATIONS

DISPLAY TEXT: OR Group Notes Locations

VALUE TERM: Select a location for GroupNotes

VALUE DATA TYPE: pointer

VALUE DOMAIN: 44

VALUE HELP: Enter a location that will be used for Group Notes

DESCRIPTION: This parameter enables sites to specify for which locations authorized users can write group notes. Specifying locations is a security feature to help ensure that group notes are not written for inappropriate uses. The parameter stores pointers to a location in the Hospital Location file (File #44).

PRECEDENCE: 3 ENTITY FILE: PACKAGE

PRECEDENCE: 2 ENTITY FILE: SYSTEM

PRECEDENCE: 1 ENTITY FILE: DIVISION

OR LAPSE ORDERS

DISPLAY TEXT: Lapse Unsigned/Unreleased Order By Group

VALUE TERM: Number Of Days

VALUE DATA TYPE: numeric

VALUE DOMAIN: 1:999

VALUE HELP: Enter the number of days to keep unsigned/unreleased orders before lapsing them.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 100.98

INSTANCE HELP: Enter a display group.

DESCRIPTION: The purpose of this parameter is to store the number of days that old orders will be lapsed. This parameter is multi valued with an instance term of DISPLAY GROUPS. Thus the way it works is that you can set “Display Group A” so that old orders from this display group will lapse in 10 days for instance. Then you could have “Display Group B” set so that those orders would lapse when they are 20 days old. Display groups not individually set by this parameter are affected by the OR LAPSE ORDERS DFLT parameter.

By lapsing, it is meant that the order is placed in a LAPSED status. Also see the description for parameter OR LAPSE ORDERS DFLT.

PRECEDENCE: 5 ENTITY FILE: DIVISION

PRECEDENCE: 10 ENTITY FILE: SYSTEM

OR LAPSE ORDERS DFLT

DISPLAY TEXT: Lapse Unsigned/Unreleased Order Default

VALUE TERM: Number of days

VALUE DATA TYPE: numeric

VALUE DOMAIN: 1:999

VALUE HELP: Enter the number of days to keep unsigned/unreleased orders before lapsing them.

DESCRIPTION: The purpose of this parameter is to store the number of days that old orders will be lapsed when those orders are from a DISPLAY GROUP that does not have parameter OR LAPSE ORDERS set. The default value that is set in this parameter will affect all orders that do not have a specific DISPLAY GROUP value. Thus if both “Display Group A” and “Display Group B” have parameter OR LAPSE ORDERS set for them but “Display Group C” does not, then orders from "Display Group C" will get lapsed in the number of days specified in OR LAPSE ORDERS DFLT.

PRECEDENCE: 10 ENTITY FILE: SYSTEM

PRECEDENCE: 5 ENTITY FILE: DIVISION

OR ORDER REVIEW DT

DISPLAY TEXT: Last Date/Time User Review Pt Orders

MULTIPLE VALUED: Yes

VALUE DATA TYPE: date/time

VALUE DOMAIN: ::T

VALUE HELP: Enter the date/time the user reviewed this patient's orders.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 2

INSTANCE HELP: Enter the patient whose orders were reviewed.

DESCRIPTION: Date/time this user last review the patient's orders.

PRECEDENCE: 1 ENTITY FILE: USER

OR ORDER SUMMARY CONTEXT

DISPLAY TEXT: Order Summary Context

VALUE TERM: ORDER SUMMARY CONTEXT

VALUE DATA TYPE: set of codes

VALUE DOMAIN: 0:ORDER DATE;1:START DATE;2:START DATE PLUS ACTIVITY

VALUE HELP: 0=based on order date, 1=based on start date, 2=start date plus any activity

DESCRIPTION: A value of 0 will print all orders with ORDER dates within the selected date range. A value of 1 will print all orders with START dates within the selected date range. A value of 2 will print all orders with START dates and orders with any ACTIVITY within the selected date range.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

OR ORDER TEXT CONVERSION

DISPLAY TEXT: Order Number

VALUE TERM: ORDER NUMBER

VALUE DATA TYPE: numeric

VALUE DOMAIN: 1:999999999:2

VALUE HELP: Enter the number of the order just processed in the conversion.

DESCRIPTION: This parameter tracks the progress of the Order Text conversion job, queued off by the post-init for patch OR*3*92.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

OR OREMAS MED ORDERS

DISPLAY TEXT: Allow Clerks to act on Med Orders

VALUE TERM: ALLOW CLERKS TO ACT ON MED ORDERS

VALUE DATA TYPE: set of codes

VALUE DOMAIN: 0:NO;1:UNRELEASED ONLY;2:YES

VALUE HELP: Enter 1 to allow clerks to enter med orders only or 2 to permit release as well

DESCRIPTION: This parameter determines if clerks (i.e. users holding the OREMAS key) are allowed to act on medication orders. If set to YES, a clerk may enter new medication orders or DC these medication orders. Inpatient orders may be released to the Pharmacy as 'Signed on Chart'. Outpatient orders will require the physician's signature. If set to UNRELEASED ONLY, a clerk may only enter unreleased orders for both Inpatient and Outpatient. If set to NO, a clerk is completely prohibited from handling medication orders.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

OR OREMAS NON-VA MED ORDERS

DISPLAY TEXT: Allow Clerks to act on Non-VA Med Orders

VALUE TERM: ALLOW CLERKS TO ACT ON NON-VA MED ORDERS

VALUE DATA TYPE: set of codes

VALUE DOMAIN: 0:NO;1:UNRELEASED ONLY;2:YES

VALUE HELP: Enter 1 to allow clerks to enter non-VA med orders, 2 to permit sending to Pharmacy as well

DESCRIPTION:

This parameter determines if clerks (i.e. users holding the OREMAS key) are allowed to act on non-VA med orders. Enter YES to permit a clerk to enter new or DC non-VA med orders and send them to Pharmacy for reports and order checks. Enter UNRELEASED ONLY to restrict clerks to only entering unreleased orders. To prohibit clerks from handling non-VA med orders entirely, select NO.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

OR PRINT ALL ORDERS CHART SUM

DISPLAY TEXT: Print All orders on Chart Summary

VALUE TERM: PRINT ALL ORDERS ON CHART SUMMARY

VALUE DATA TYPE: set of codes

VALUE DOMAIN: 0:PREVIOUSLY PRINTED;1:ALL;2:DEPENDS ON NATURE OF ORDER

VALUE HELP: 0=previously printed, 1=All, 2=depends on Nature of Order

DESCRIPTION: A value of 1 in this parameter will print all orders on the 24 Hour chart summary report options. A value of 0 will only print orders that originally printed a chart copy. This is the default value for this parameter. Some sites have had problems with this value, because the Chart Copy Summary may be different from the Order Summary report, which prints all orders. Some orders don't print a chart copy automatically, because of the nature of order the order was given when entered, or because the location from which the order was entered, may not have been setup for printing. A value of 2 will look at the Nature of Order file to determine if the order should print on the summary report.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

OR PRINT NO ORDERS ON SUM

DISPLAY TEXT: Print 'NO ORDERS' on summary

VALUE TERM: PRINT 'NO ORDERS' ON SUMMARY

VALUE DATA TYPE: yes/no

VALUE HELP: Enter YES to print 'NO ORDERS' page, NO to skip patient

DESCRIPTION: A value of YES in this parameter will print a page showing 'No Orders' on an order summary if no orders exists for the patient within the specified parameters. A value of NO in this parameter will just skip the patient, printing nothing when no orders exist for the patient within the specified parameters.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

OR RA RFS CARRY ON

DISPLAY TEXT: OR RA RFS CARRY ON

MULTIPLE VALUED: No

VALUE DATA TYPE: yes/no

VALUE HELP: Enter yes or no for whether to carry on the value of Reason for Study

DESCRIPTION: This value will determine if CPRS will carry on the text entered in the Reason for Study field of the Radiology (Imaging) order dialog. By carry on, it is meant that when one order is entered the value entered in the Reason for Study field will be held and used again in subsequent Radiology orders.

PRECEDENCE: 10 ENTITY FILE: SYSTEM

OR RDI CACHE TIME

DISPLAY TEXT: RDI CACHE TIME

VALUE TERM: RDI CACHE TIME

VALUE DATA TYPE: numeric

VALUE DOMAIN: 0:9999

VALUE HELP: Length of time RDI should cache HDR data for order checking

DESCRIPTION: This parameter enables sites to determine the amount of time data will be cached and considered valid for ordering checking before that data would need to be refreshed. The value is in minutes and can be set from 0 to 9999.

PRECEDENCE: 0 ENTITY FILE: SYSTEM

Note: To edit the values of these parameters, users must use the OR RDI PARAMS menu. Users will not be able to use the general parameter editing menu options, such as XPAR EDIT.

OR RDI HAVE HDR

DISPLAY TEXT: RDI HAVE HDR

VALUE TERM: RDI HAVE HDR

VALUE DATA TYPE: yes/no

VALUE HELP: DOES THIS SYSTEM HAVE AN HDR

DESCRIPTION: The value in this parameter shows if a Health Data Repository exists from which remote data from other VHA facilities and Department of Defense medical facilities may be retrieved. This parameter supports the VistAOffice application that can work as a stand-alone application.

PRECEDENCE: 0 ENTITY FILE: SYSTEM

Note: VistaOffice is a third-party version of VistA that can be used by private medical offices and other Non-VA institutions. RDI has not been tested in these settings, but the feature was included because VistA is used by other entities than the VA.

Note: To edit the values of these parameters, users must use the OR RDI PARAMS menu. Users will not be able to use the general parameter editing menu options, such as XPAR EDIT.

OR SIGNATURE DEFAULT ACTION

DISPLAY TEXT: Signature Default Action

VALUE TERM: SIGNATURE DEFAULT ACTION

VALUE DATA TYPE: set of codes

VALUE DOMAIN: OC:Signed on Chart;RS:Release w/o Signature;

VALUE HELP: Enter the desired default signature action for ORELSE key holders

DESCRIPTION: This defines the default action presented to ORELSE key holders when signing and/or releasing orders; if no value is entered, then 'Release w/o Signature' will be used.

PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 9 ENTITY FILE: PACKAGE

OR SIGNED ON CHART

DISPLAY TEXT: Signed on Chart Default

VALUE TERM: SIGNED ON CHART DEFAULT

VALUE DATA TYPE: set of codes

VALUE DOMAIN: 1:YES;0:NO;

VALUE HELP: Enter the desired default to the 'Signed on Chart?' prompt

DESCRIPTION: This defines the default value to be presented when the user gets the prompt to mark orders as Signed on Chart; if no value is entered, then NO is used as the default.

PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 9 ENTITY FILE: PACKAGE

OR UNSIGNED ORDERS ON EXIT

DISPLAY TEXT: Unsigned Orders View on Exit

VALUE TERM: UNSIGNED ORDERS VIEW ON EXIT

VALUE DATA TYPE: set of codes

VALUE DOMAIN: 0:NEW ORDERS ONLY;1:MY UNSIGNED ORDERS;2:ALL UNSIGNED ORDERS;

VALUE HELP: Enter the unsigned orders view to present ORES key holders on exit

DESCRIPTION: This determines which unsigned orders view that holders of the ORES key will see when exiting a patient's chart; the Package default is to show My Unsigned Orders, i.e. all unsigned orders that the current user either placed or is the responsible provider for. This may also be set to list only those orders placed during the current session, or all unsigned orders for this patient regardless of provider.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 5 ENTITY FILE: DIVISION
PRECEDENCE: 7 ENTITY FILE: SYSTEM
PRECEDENCE: 9 ENTITY FILE: PACKAGE
PRECEDENCE: 3 ENTITY FILE: SERVICE

OR USE MH DLL

DISPLAY TEXT: Use MH DLL?

MULTIPLE VALUED: No

INSTANCE TERM: SET OF CODES

VALUE TERM: Use MH DLL?

VALUE DATA TYPE: set of codes

VALUE DOMAIN: 0:NO;1:YES

VALUE HELP: Enter No to not use the MH DLL in a Reminder Dialog.

DESCRIPTION: This parameter allows sites to stop CPRS from using the MH DLL when processing a MH test in a Reminder Dialog.

The default for this parameter is Y. This parameter should only be set to N if the site is having problems with CPRS and the MH DLL.

PRECEDENCE: 6 ENTITY FILE: SYSTEM

OR VBECS COMPONENT ORDER

DISPLAY TEXT: List of Blood Components

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence

VALUE TERM: Blood Component

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.43

VALUE HELP: Select a Blood Component for VBECS

INSTANCE DATA TYPE: numeric

INSTANCE HELP: Enter the sequence in which the component should appear in the selection list

DESCRIPTION: This parameter allows a sequence to be assigned to Blood Components selectable from VBECS.

PRECEDENCE: 6	ENTITY FILE: PACKAGE
PRECEDENCE: 4	ENTITY FILE: SYSTEM
PRECEDENCE: 3	ENTITY FILE: DIVISION
PRECEDENCE: 2	ENTITY FILE: USER

OR VBECS MODIFIERS

DISPLAY TEXT: List of Component Modifiers

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence

VALUE TERM: Modifier

VALUE DATA TYPE: free text

VALUE HELP: Enter a blood component modifier

INSTANCE DATA TYPE: numeric

INSTANCE HELP: Enter the sequence in which the modifier should appear in the selection list

DESCRIPTION: This parameter allows local configuration of the blood component modifiers.

PRECEDENCE: 5	ENTITY FILE: SYSTEM
PRECEDENCE: 10	ENTITY FILE: PACKAGE

OR VBECS REASON FOR REQUEST

DISPLAY TEXT: List of Reasons for Request

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence

VALUE TERM: Reason

VALUE DATA TYPE: free text

VALUE HELP: Enter a reason for request

INSTANCE DATA TYPE: numeric

INSTANCE HELP: Enter the sequence in which the reason should appear in the selection list

DESCRIPTION: This parameter allows local configuration of the Reasons for Request.

PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 10 ENTITY FILE: PACKAGE

OR VBECS SUPPRESS NURS ADMIN

DISPLAY TEXT: Suppress Nursing Admin Prompt

VALUE TERM: Suppress Nursing Admin Prompt

VALUE DATA TYPE: yes/no

VALUE HELP: Enter 'Yes' if you wish to suppress the Nursing Admin Order Prompt

DESCRIPTION: This parameter disables the prompt/pop-up that tells the user they must enter a Nursing Administration Order manually after entering a VBECS Blood order. Disabling this feature is usually done when a Nursing Administration order has been created and added to a VBECS order set.

PRECEDENCE: 10 ENTITY FILE: PACKAGE
PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 3 ENTITY FILE: DIVISION

ORB ARCHIVE PERIOD

DISPLAY TEXT: Grace Period Before Deletion

MULTIPLE VALUED: Yes

INSTANCE TERM: Notification

VALUE DATA TYPE: numeric

VALUE DOMAIN: 0:100000:0

VALUE HELP: Enter the number of days to archive this notification before deletion.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 100.9

INSTANCE HELP: Enter the notification related to this archive period.

DESCRIPTION: The number of days to archive a notification for a site. If not indicated, the default period of 30 days is used. The maximum number of days is 100,000 or about 220 years. This value is passed to the Kernel Alert Utility where the actual archiving and deletion of alerts/notifications occurs.

PRECEDENCE: 1 ENTITY FILE: DIVISION
PRECEDENCE: 2 ENTITY FILE: SYSTEM
PRECEDENCE: 3 ENTITY FILE: PACKAGE

ORB DEFAULT RECIPIENT DEVICES

DISPLAY TEXT: Notification Regular Recipient Devices

MULTIPLE VALUED: Yes

INSTANCE TERM: Notification

VALUE DATA TYPE: pointer

VALUE DOMAIN: 3.5

VALUE HELP: Enter device that will always receive the notification.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 100.9

INSTANCE HELP: Enter notification the device will always receive.

DESCRIPTION: Default recipient devices of a notification despite settings in parameter ORB PROCESSING FLAG. These devices will always receive the notification, regardless of patient.

PRECEDENCE: 1 ENTITY FILE: DIVISION
PRECEDENCE: 2 ENTITY FILE: SYSTEM

ORB DEFAULT RECIPIENTS

DISPLAY TEXT: Notification Regular Recipients

MULTIPLE VALUED: Yes

INSTANCE TERM: Notification

VALUE DATA TYPE: yes/no

VALUE DOMAIN: Y:yes; N:no

VALUE HELP: Enter 'yes' if this person or team should always receive the notification.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 100.9

INSTANCE HELP: Enter the notification the regular recipient will always receive.

DESCRIPTION: Default user or team recipients of a notification despite settings in the parameter ORB PROCESSING FLAG. These users/teams will always receive the notification, regardless of patient.

PRECEDENCE: 1 ENTITY FILE: USER

PRECEDENCE: 2 ENTITY FILE: TEAM (OE/RR)

ORB DELETE MECHANISM

DISPLAY TEXT: Delete Mechanism

MULTIPLE VALUED: Yes

INSTANCE TERM: Notification

VALUE DATA TYPE: set of codes

VALUE DOMAIN: I:Individual Recipient;A:All Recipients

VALUE HELP: Enter 'I' if deleted on individual review/action; 'A' for all recipients.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 100.9

INSTANCE HELP: Enter the notification related to the deletion.

DESCRIPTION: Set of codes used to determine how a notification will be deleted at a site. Codes include: I (Individual Recipient): delete the notification for an individual recipient when a) that individual completes the follow-up action on notifications with associated follow-up action, b) that individual reviews notifications without follow-up actions. A (All Recipients): delete the notification for all recipients when a) any recipient completes the follow-up action on notifications with follow-up actions, b) any recipient reviews notifications without follow-up actions.

PRECEDENCE: 1 ENTITY FILE: DIVISION

PRECEDENCE: 2 ENTITY FILE: SYSTEM

PRECEDENCE: 3 ENTITY FILE: PACKAGE

ORB ERASE ALL

DISPLAY TEXT: Access to erase all my alerts option

VALUE TERM: Yes/No

VALUE DATA TYPE: yes/no

VALUE DOMAIN: Y:yes;N:no

VALUE HELP: Enter 'yes' to allow the user to erase all their notifications.

DESCRIPTION: “Yes” indicates the user can erase all their notifications/alerts.

PRECEDENCE: 1 ENTITY FILE: USER

ORB FLAGGED ORDERS BULLETIN

DISPLAY TEXT: Send Flagged Orders Bulletin

MULTIPLE VALUED: No

VALUE DATA TYPE: set of codes

VALUE DOMAIN: Y:yes;N:no

VALUE HELP: Enter ‘yes’ to send a bulletin when an order is flagged for clarification.

DESCRIPTION: ‘Yes’ indicates a MailMan bulletin will be sent to the order’s Current Provider (usually the Ordering Provider) when the order is flagged for clarification. This parameter has no effect on the Flagged Orders notification which is also triggered when an order is flagged for clarification.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: SERVICE
PRECEDENCE: 5 ENTITY FILE: PACKAGE
PRECEDENCE: 4 ENTITY FILE: SYSTEM
PRECEDENCE: 3 ENTITY FILE: DIVISION

ORB FORWARD SUPERVISOR

DISPLAY TEXT: Hold Days before Forward to Supervisor

MULTIPLE VALUED: Yes

INSTANCE TERM: Notification

VALUE DATA TYPE: numeric

VALUE DOMAIN: 0:30:0

VALUE HELP: The number of days to hold notification before forwarding to recipient’s supervisor.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 100.9

INSTANCE HELP: The notification related to this forwarding period.

DESCRIPTION: The number of days before a notification is forwarded to a recipient's supervisor. The maximum is 30 days. If not indicated or zero, the notification will not be forwarded. For example, if a notification has a value of 14 for this parameter, it will be forwarded to the supervisor of each recipient who hasn't processed the notification after 14 days. The Kernel Alert Utility makes determination of recipients who have not processed the notification and who their supervisors are. It will not be forwarded to supervisors of recipients who have processed the alert within 14 days. If the value of this parameter is zero or non-existent, the alert/notification will never be forwarded. For this purpose, the supervisor is identified as the recipient's service/ section chief.

PRECEDENCE: 1 ENTITY FILE: DIVISION

PRECEDENCE: 2 ENTITY FILE: SYSTEM

PRECEDENCE: 3 ENTITY FILE: PACKAGE

ORB FORWARD SURROGATES

DISPLAY TEXT: Hold Days before Forward to Surrogates

MULTIPLE VALUED: Yes

INSTANCE TERM: Notification

VALUE DATA TYPE: numeric

VALUE DOMAIN: 0:30:0

VALUE HELP: Number of days to hold notification before forwarding to recipient's surrogates.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 100.9

INSTANCE HELP: The notification related to this forwarding period.

DESCRIPTION: The number of days before a notification is forwarded to a recipient's surrogates. The maximum is 30 days. If not indicated or zero, the notification will not be forwarded. For example, if a notification has a value of 14 for this parameter, it will be forwarded to the surrogates of each recipient who haven't processed the notification after 14 days. The Kernel Alert Utility makes determination of recipients who have not processed the notification and who their surrogates are. It will not be forwarded to surrogates of recipients who have processed the alert within 14 days. If the value of this parameter is zero or non-existent, the alert/notification will never be forwarded. For this purpose, the surrogate(s) are identified as the recipient's MailMan surrogate(s).

PRECEDENCE: 1 ENTITY FILE: DIVISION

PRECEDENCE: 2 ENTITY FILE: SYSTEM

PRECEDENCE: 3 ENTITY FILE: PACKAGE

ORB LAST QUEUE DATE

DISPLAY TEXT: Last d/t tasked notifications queued

VALUE DATA TYPE: date/time

VALUE DOMAIN: ::T

DESCRIPTION: This is the last date/time the tasked/time-driven notifications were processed. It is set within routines.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORB OI EXPIRING - INPT

DISPLAY TEXT: Flag Item to Send INPT EXPIRING Notifications

MULTIPLE VALUED: Yes

INSTANCE TERM: Orderable Item

VALUE DATA TYPE: yes/no

VALUE DOMAIN: Y:yes; N:no

VALUE HELP: Enter 'Yes' to trigger an alert for ALL patients, 'No' for only linked patients.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 101.43

INSTANCE HELP: Enter the orderable item to trigger a notification when expiring.

DESCRIPTION: This parameter is used to trigger a notification/alert when a specific orderable item is expiring for an inpatient. If the value for the orderable item flag is "YES", the entity (user, team, device), flagging the orderable item becomes a potential alert recipient for ALL patients. If the value is "NO", the entity (user, team, device), flagging the orderable item only becomes a potential alert recipient if that entity is "linked" to the patient. (If a device is added to the potential recipient list, it will always receive the alert.) Users are linked to a patient if the user is the patient's attending physician, primary inpatient provider or share an OE/RR team with the patient. Teams are linked to a patient if the patient is on the team. (If a patient is on a team that has flagged an orderable item, all users on that team become potential alert recipients.) Devices (printers, etc.) are linked to a patient if the device and patient are on the same OE/RR team.

PRECEDENCE: 1 ENTITY FILE: USER

PRECEDENCE: 2 ENTITY FILE: TEAM (OE/RR)

PRECEDENCE: 3 ENTITY FILE: DEVICE

ORB OI EXPIRING - OUTPT

DISPLAY TEXT: Flag Item to Send OUTPT EXPIRING Notifications

MULTIPLE VALUED: Yes

INSTANCE TERM: Orderable Item

VALUE DATA TYPE: yes/no

VALUE DOMAIN: Y:yes;N:no

VALUE HELP: Enter 'Yes' to trigger an alert for ALL patients, 'No' for only linked patients.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 101.43

INSTANCE HELP: Enter the orderable item to trigger a notification when expiring.

DESCRIPTION: This parameter is used to trigger a notification/alert when a specific orderable item is expiring for an outpatient. If the value for the orderable item flag is "YES", the entity (user, team, device), flagging the orderable item becomes a potential alert recipient for ALL patients. If the value is "NO", the entity (user, team, device), flagging the orderable item only becomes a potential alert recipient if that entity is "linked" to the patient. (If a device is added to the potential recipient list, it will always receive the alert.) Users are linked to a patient if the user is the patient's attending physician, primary inpatient provider or share an OE/RR team with the patient. Teams are linked to a patient if the patient is on the team. (If a patient is on a team that has flagged an orderable item, all users on that team become potential alert recipients.) Devices (printers, etc.) are linked to a patient if the device and patient are on the same OE/RR team.

PRECEDENCE: 1 ENTITY FILE: USER

PRECEDENCE: 2 ENTITY FILE: TEAM (OE/RR)

PRECEDENCE: 3 ENTITY FILE: DEVICE

ORB OI ORDERED - INPT

DISPLAY TEXT: Flag Items to Send INPT ORDER Notifications

MULTIPLE VALUED: Yes

INSTANCE TERM: Orderable Item

VALUE TERM: Send alert for ALL inpatients?

VALUE DATA TYPE: yes/no

VALUE DOMAIN: Y:yes;N:no

VALUE HELP: Enter 'Yes' to trigger an alert for ALL patients, 'No' for only linked patients.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 101.43

INSTANCE HELP: Enter the orderable item to trigger a notification.

DESCRIPTION: This parameter is used to trigger a notification/alert when a specific orderable item is ordered for an inpatient. If the value for the orderable item flag is "YES", the entity (user, team, device), flagging the orderable item becomes a potential alert recipient for ALL patients. If the value is "NO", the entity (user, team, device), flagging the orderable item only becomes a potential alert recipient if that entity is "linked" to the patient. (If a device is added to the potential recipient list, it will always receive the alert.) Users are linked to a patient if the user is the patient's attending physician, primary inpatient provider or share an OE/RR team with the patient. Teams are linked to a patient if the patient is on the team. (If a patient is on a team that has flagged an orderable item, all users on that team become potential alert recipients.) Devices (printers, etc.) are linked to a patient if the device and patient are on the same OE/RR team.

PRECEDENCE: 1 ENTITY FILE: USER

PRECEDENCE: 2 ENTITY FILE: TEAM (OE/RR)

PRECEDENCE: 3 ENTITY FILE: DEVICE

ORB OI ORDERED - OUTPT

DISPLAY TEXT: Flag Items to Send OUTPT ORDER Motifs

MULTIPLE VALUED: Yes

INSTANCE TERM: Orderable Item

VALUE TERM: Send alert for ALL outpatients?

VALUE DATA TYPE: yes/no

VALUE DOMAIN: Y:yes;N:no

VALUE HELP: Enter 'Yes' to trigger an alert for ALL patients, 'No' for only linked patients.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 101.43

INSTANCE HELP: Enter the orderable item to trigger a notification

DESCRIPTION: This parameter is used to trigger a notification/alert when a specific orderable item is ordered for an outpatient. If the value for the orderable item flag is "YES", the entity (user, team, device), flagging the orderable item becomes a potential alert recipient for ALL patients. If the value is "NO", the entity (user, team, device), flagging the orderable item only becomes a potential alert recipient if that entity is "linked" to the patient. (If a device is added to the potential recipient list, it will always receive the alert.) Users are linked to a patient if the user is the patient's attending physician, primary inpatient provider or share an OE/RR team with the patient. Teams are linked to a patient if the patient is on the team. (If a patient is on a team that has flagged an orderable item, all users on that team become potential alert recipients.) Devices (printers, etc.) are linked to a patient if the device and patient are on the same OE/RR team.

PRECEDENCE: 1 ENTITY FILE: USER

PRECEDENCE: 2 ENTITY FILE: TEAM (OE/RR)

PRECEDENCE: 3 ENTITY FILE: DEVICE

ORB OI RESULTS - INPT

DISPLAY TEXT: Flag Item to Send INPT RESULT Notifications

MULTIPLE VALUED: Yes

INSTANCE TERM: Orderable Item

VALUE TERM: Send alert for ALL inpatients?

VALUE DATA TYPE: yes/no

VALUE DOMAIN: Y:yes;N:no

VALUE HELP: Enter 'Yes' to trigger an alert for ALL patients, 'No' for only linked patients.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 101.43

INSTANCE HELP: Enter the orderable item to trigger a notification when resulted.

INSTANCE SCREEN CODE: I $$LRRAD^ORB3F1(+Y)

DESCRIPTION: This parameter is used to trigger a notification/alert when a specific orderable item is resulted for an inpatient. Results only apply to orders that can be resulted (lab, imaging, consults.) If the value for the orderable item flag is "YES", the entity (user, team, device), flagging the orderable item becomes a potential alert recipient for ALL patients. If the value is "NO", the entity (user, team, device), flagging the orderable item only becomes a potential alert recipient if that entity is "linked" to the patient. (If a device is added to the potential recipient list, it will always receive the alert.) Users are linked to a patient if the user is the patient's attending physician, primary inpatient provider or share an OE/RR team with the patient. Teams are linked to a patient if the patient is on the team. (If a patient is on a team that has flagged an orderable item, all users on that team become potential alert recipients.) Devices (printers, etc.) are linked to a patient if the device and patient are on the same OE/RR team.

PRECEDENCE: 1 ENTITY FILE: USER

PRECEDENCE: 2 ENTITY FILE: TEAM (OE/RR)

PRECEDENCE: 3 ENTITY FILE: DEVICE

ORB OI RESULTS - OUTPT

DISPLAY TEXT: Flag Item to Send OUTPT RESULT Notifications

MULTIPLE VALUED: Yes

INSTANCE TERM: Orderable Item

VALUE TERM: Send alert for ALL outpatients?

VALUE DATA TYPE: yes/no

VALUE DOMAIN: Y:yes;N:no

VALUE HELP: Enter 'Yes' to trigger an alert for ALL patients, 'No' for only linked patients.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 101.43

INSTANCE HELP: Enter the orderable item to trigger a notification when resulted.

INSTANCE SCREEN CODE: I $$LRRAD^ORB3F1(+Y)

DESCRIPTION: This parameter is used to trigger a notification/alert when a specific orderable item is resulted for an outpatient. Results only apply to orders that can be resulted (lab, imaging, consults.) If the value for the orderable item flag is "YES", the entity (user, team, device), flagging the orderable item becomes a potential alert recipient for ALL patients. If the value is "NO", the entity (user, team, device), flagging the orderable item only becomes a potential alert recipient if that entity is "linked" to the patient. (If a device is added to the potential recipient list, it will always receive the alert.) Users are linked to a patient if the user is the patient's attending physician, primary inpatient provider or share an OE/RR team with the patient. Teams are linked to a patient if the patient is on the team. (If a patient is on a team that has flagged an orderable item, all users on that team become potential alert recipients.) Devices (printers, etc.) are linked to a patient if the device and patient are on the same OE/RR team.

PRECEDENCE: 1 ENTITY FILE: USER

PRECEDENCE: 2 ENTITY FILE: TEAM (OE/RR)

PRECEDENCE: 3 ENTITY FILE: DEVICE

ORB PROCESSING FLAG

DISPLAY TEXT: Processing Flag

MULTIPLE VALUED: Yes

INSTANCE TERM: Notification

VALUE DATA TYPE: set of codes

VALUE DOMAIN: M:Mandatory;E:Enabled;D:Disabled

VALUE HELP: Code indicating processing flag for the entity and notification.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 100.9

INSTANCE HELP: Notification related to the processing flag.

DESCRIPTION: Flag used to determine if a notification should be delivered to a user/ recipient. Valid values include Mandatory, Enabled or Disabled.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: TEAM (OE/RR)
PRECEDENCE: 3 ENTITY FILE: SERVICE
PRECEDENCE: 4 ENTITY FILE: LOCATION
PRECEDENCE: 5 ENTITY FILE: DIVISION
PRECEDENCE: 6 ENTITY FILE: SYSTEM
PRECEDENCE: 7 ENTITY FILE: PACKAGE

ORB PROVIDER RECIPIENTS

DISPLAY TEXT: Provider Recipients

MULTIPLE VALUED: Yes

INSTANCE TERM: Notification

VALUE DATA TYPE: free text

VALUE DOMAIN: 0:4

VALUE HELP: Any one or combination of ‘P’, ‘A’, ‘T’ and/or ‘O’.

VALUE VALIDATION CODE: K:$L($TR(X,”PATO”,”")) X

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 100.9

INSTANCE HELP: Notification sent to the patient’s provider recipients.

DESCRIPTION: Set of codes indicating default provider recipients of a notification by their title or relationship to the patient. Notifications can be set up with any or all of the following codes:

P (Primary Provider): deliver notification to the patient’s Primary Provider.

A (Attending Physician): deliver notification to the patient’s Attending Physician.

T (Patient Care Team): deliver notification to the patient’s primary care Team.

O (Ordering Provider): deliver notification to the provider who placed the order which triggered the notification. The providers, physicians and teams must be set up properly and accurately for the correct individuals to receive the notification.

PRECEDENCE: 1 ENTITY FILE: DIVISION
PRECEDENCE: 2 ENTITY FILE: SYSTEM
PRECEDENCE: 3 ENTITY FILE: PACKAGE

ORB REMOVE

DISPLAY TEXT: Remove Alert Without Processing

MULTIPLE VALUED: Yes

INSTANCE TERM: Notification

VALUE TERM: Remove without Processing?

VALUE DATA TYPE: yes/no

VALUE DOMAIN: Y:yes;N:no

VALUE HELP: Enter 'yes' if the notification can be removed without processing.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 100.9

DESCRIPTION: System value indicates if the notification/alert can be deleted without processing. A "yes" value indicates the notification/alert can be deleted without processing. In the CPRS GUI a"yes" value signifies a selected alert can be deleted when the Remove button is clicked. If a notification/alert has a blank value or a "no" value, the notification/alert cannot be deleted without processing.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORB REMOVE NON-OR

DISPLAY TEXT: Remove Non-OR Alerts Without Processing

MULTIPLE VALUED: Yes

INSTANCE TERM: Alert ID

VALUE TERM: Enable removing this type of alert?

VALUE DATA TYPE: yes/no

VALUE HELP: Enter "yes" to enable removing this type of alert via Remove button.
INSTANCE DATA TYPE: free text

INSTANCE HELP: Enter Alert identifier for type of alert you wish to remove.

DESCRIPTION: Indicates if a non-CPRS (non-OERR) alert can be deleted without processing. Enter the alert identifier (or a portion of the alert identifier) for each type of alert you want to be able to remove in the CPRS GUI via the Remove button. The alert identifier or XQAID can be found in the ALERT ID field of the ALERT file [#8992]. For this parameter use the first few characters of the ALERT ID. For example, to remove NOIS alerts enter FSC. You may enter as many alert identifiers as desired. Please note that most alert IDs include information specific to the patient or instance which triggered the alert. For this parameter you should only enter that portion of the alert ID which is consistent for all alerts of this type. For example, a NOIS alert's ID might actually look like FSC-M,275546. Entering the entire alert ID in this parameter will only allow removal of this specific alert. However if the parameter value is FSC, all NOIS alerts can be removed.

Other examples of non-OR alert IDs include:

NO-ID;17;3040628.131502 [Taskman alert] - use NO-ID in parameter

TIUERR,3423,1;1450;3040518.125801 [TIU error alert] - use TIUERR

TIU28907;17;3040720.134827 [TIU alert] - use TIU* in parameter

*Using TIU will also enable Removing TIUERR alerts. Use TIUERR if you only want to Remove TIUERR alerts.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORB SORT METHOD

DISPLAY TEXT: Notification Sort Method

MULTIPLE VALUED: No

VALUE DATA TYPE: set of codes

VALUE DOMAIN:
P:Patient;M:Message;U:Urgency;I:Info;L:Location;D:Date/Time;F:Forwarded By/When;
VALUE HELP: Sort method for notification display as P:Patient, M:Message, :Urgency, I:Info, L:Location, D:Date, F:Fwd By.

DESCRIPTION: Method for sorting notifications when displayed in the CPRS GUI. Methods include: by Patient, Message (text), Urgency, Info, Location, Date/Time, and Forwarded By/When.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: DIVISION
PRECEDENCE: 3 ENTITY FILE: SYSTEM
PRECEDENCE: 4 ENTITY FILE: PACKAGE

ORB SURROGATE RECIPIENT

DISPLAY TEXT: Surrogate Recipient for Notifications

VALUE TERM: Surrogate Recipient

VALUE DATA TYPE: pointer

VALUE DOMAIN: 200

VALUE HELP: Enter surrogate recipient for notifications

VALUE SCREEN CODE:

I +($$ACTIVE^XUSER(Y))

DESCRIPTION: Sets up a surrogate recipient to receive all notifications (Order Entry alerts), for a user.

PRECEDENCE: 1 ENTITY FILE: USER

ORB SYSTEM ENABLE/DISABLE

DISPLAY TEXT: Enable or disable notifications.

VALUE DATA TYPE: set of codes

VALUE DOMAIN: E:Enable; D:Disable

VALUE HELP: Enter 'Enable/E' for notifications, 'Disable/D' to stop notifications.

DESCRIPTION: Parameter determines if any notification processing will occur. 'E' or 'Enable' indicates the notifications system is enabled and running. 'D' or 'Disabled' indicates the notifications system is disabled and not running. Can be set at the Institution, System or Package level.

PRECEDENCE: 1 ENTITY FILE: DIVISION
PRECEDENCE: 2 ENTITY FILE: SYSTEM
PRECEDENCE: 3 ENTITY FILE: PACKAGE

ORB UNVERIFIED MED ORDER

DISPLAY TEXT: Unverified Medication Orders

VALUE TERM: Hours

VALUE DATA TYPE: numeric

VALUE DOMAIN: 0:10000:0

VALUE HELP: Enter number of hours delay before triggering unverified med alert

DESCRIPTION: The number of hours to delay triggering an unverified medication order notification/alert. The maximum number of hours is 10,000.

PRECEDENCE: 1 ENTITY FILE: DIVISION
PRECEDENCE: 2 ENTITY FILE: SYSTEM
PRECEDENCE: 3 ENTITY FILE: PACKAGE

ORB UNVERIFIED ORDER

DISPLAY TEXT: Unverified Orders

VALUE TERM: Hours

VALUE DATA TYPE: numeric

VALUE DOMAIN: 0:10000:0

VALUE HELP: Enter number of hours delay before triggering unverified order alert.

DESCRIPTION: The number of hours to delay triggering an unverified order notification/alert. This parameter is used for all types of orders (including medication.) The maximum number of hours is 10,000.

PRECEDENCE: 1 ENTITY FILE: DIVISION
PRECEDENCE: 2 ENTITY FILE: SYSTEM
PRECEDENCE: 3 ENTITY FILE: PACKAGE

ORB URGENCY

DISPLAY TEXT: Notification Urgency

MULTIPLE VALUED: Yes

INSTANCE TERM: Notification

VALUE DATA TYPE: set of codes

VALUE DOMAIN: 1:High;2:Moderate;3:Low

VALUE HELP: Urgency for the notification as 1:High, 2:Moderate, or 3:Low.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 100.9

INSTANCE HELP: Notification related to the urgency.

DESCRIPTION: Set of codes indicating the urgency for a notification for a site. The urgency is mainly used for sorting in displays. The codes include: 1 (High): notification is highly urgent. 2 (Moderate): notification is moderately urgent. 3 (Low): notification is of low urgency.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: SERVICE
PRECEDENCE: 3 ENTITY FILE: DIVISION
PRECEDENCE: 4 ENTITY FILE: SYSTEM
PRECEDENCE: 5 ENTITY FILE: PACKAGE

ORBC CONVERSION

DISPLAY TEXT: Notification Conversion

VALUE DATA TYPE: set of codes

VALUE DOMAIN: 1:pre-conversion completed;2:post-conversion completed

DESCRIPTION: Conversion information for CPRS. No user interaction.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORCD COMMON LAB MENU INPT

DISPLAY TEXT: Common Lab Menu Inpatient

VALUE TERM: Lab Test Menu

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.41

VALUE HELP: Enter a menu which contains a list of common labs.

VALUE SCREEN CODE:

I $P(^(0),U,4)=”M”

DESCRIPTION: This points to a menu in the order dialog file. This menu will be used to determine which lab tests appear initially in the lab test list box when the lab dialog is clicked while an inpatient is selected.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 3 ENTITY FILE: LOCATION
PRECEDENCE: 5 ENTITY FILE: SYSTEM

ORCDLR URGENCIES

DISPLAY TEXT: Allowable Urgencies for Lab

MULTIPLE VALUED: Yes

INSTANCE TERM: Lab Urgency

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.42

VALUE HELP: Enter an urgency from the OE/RR URGENCY file.

INSTANCE DATA TYPE: numeric

INSTANCE DOMAIN: 1:9

INSTANCE HELP: Enter the number of the lab urgency.

DESCRIPTION: This parameter allows lab urgencies to be mapped to OE/RR urgencies. If a lab urgency is not in this list, the OE/RR urgency should be ROUTINE.

PRECEDENCE: 5 ENTITY FILE: PACKAGE

ORCH CONTEXT CONSULTS

DISPLAY TEXT: Consults Tab Context

VALUE DATA TYPE: free text

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 9 ENTITY FILE: PACKAGE

ORCH CONTEXT INPT LABS

DISPLAY TEXT: Labs Tab Input Context

VALUE DATA TYPE: free text

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 9 ENTITY FILE: PACKAGE

ORCH CONTEXT MEDS

DISPLAY TEXT: Meds Tab Context

VALUE DATA TYPE: free text

DESCRIPTION: Specifies a date range (in days) for Meds tab display that dictates the length of time orders are displayed. The parameter provides strings of delimited ('';) pieces, the first two of which are always a relative date range. Users can determine the date range of medications that display on the Medications tab through the Tools | Options… pull-down menu in CPRS.|

This parameter functions independently of display settings for the Orders tab. If you need to alter the display range for expired medication orders on the Orders tab, please adjust the ORWOR EXPIRED ORDERS parameter accordingly.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 9 ENTITY FILE: PACKAGE

ORCH CONTEXT NOTES

DISPLAY TEXT: Notes Tab Context

VALUE DATA TYPE: free text

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 9 ENTITY FILE: PACKAGE

ORCH CONTEXT ORDERS

DISPLAY TEXT: Orders Tab Context

VALUE DATA TYPE: free text

DESCRIPTION: Saves the user's preferred view when on the orders tab. A semi-colon delimits elements of the view. The contents of the parameter are: BeginTime;EndTime;Status;DisplayGroup;Format;Chronological;ByGroup where, 1 BeginTime is the earliest relative order date/time (T-1, T-30, etc.) 2 EndTime is the latest relative order date/time (NOW, T, T-20, etc.) 3 Status is the number passed as the FLG field to EN^ORQ1 4 DisplayGroup is the short name of the display group 5 Format is "L" for long and "S" for short 6 Chronological is "R" for reverse and "F" for forward 7 ByGroup is "1" if the orders should be grouped by display group

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 9 ENTITY FILE: PACKAGE

ORCH CONTEXT OUTPT LABS

DISPLAY TEXT: Labs Tab Outpt Context

VALUE DATA TYPE: free text

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 9 ENTITY FILE: PACKAGE

ORCH CONTEXT PROBLEMS

DISPLAY TEXT: Problems Tab Context

VALUE DATA TYPE: free text

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 9 ENTITY FILE: PACKAGE

ORCH CONTEXT REPORTS

DISPLAY TEXT: Reports Tab Context

VALUE DATA TYPE: free text

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 9 ENTITY FILE: PACKAGE

ORCH CONTEXT SUMMRIES

DISPLAY TEXT: Summaries Tab Context

VALUE DATA TYPE: free text

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 9 ENTITY FILE: PACKAGE

ORCH CONTEXT SURGERY

DISPLAY TEXT: Surgery Tab Context

VALUE DATA TYPE: free text

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 9 ENTITY FILE: PACKAGE

ORCH CONTEXT XRAYS

DISPLAY TEXT: Imaging Tab Context

VALUE DATA TYPE: free text

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 9 ENTITY FILE: PACKAGE

ORCH INITIAL TAB

DISPLAY TEXT: Initial Tab when CPRS Starts

VALUE TERM: Initial Chart Tab

VALUE DATA TYPE: set of codes

VALUE DOMAIN:
1:Cover;2:Problems;3:Meds;4:Orders;6:Notes;7:Consults;8:DCSumm;9:Labs;10:Reports

VALUE HELP: Enter the tab that CPRS should open to when it first starts.

DESCRIPTION: This parameter identifies the tab that should be initially displayed when CPRS first starts. If ORCH USE LAST TAB is 'no', this tab is also used whenever a new patient is selected.

PRECEDENCE: 10 ENTITY FILE: PACKAGE
PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 4 ENTITY FILE: DIVISION
PRECEDENCE: 2 ENTITY FILE: USER

ORCH USE LAST TAB

DISPLAY TEXT: Use Last Selected Tab on Patient Change

VALUE TERM: Use Last Selected Tab

VALUE DATA TYPE: yes/no

VALUE HELP: Enter Yes if CPRS should open to the last selected tab when changing patients.

DESCRIPTION: When this parameter is set to yes, CPRS will open to the last selected tab whenever changing patients. When set to no, CPRS will open to the tab identified by ORCH INITIAL TAB.

PRECEDENCE: 10 ENTITY FILE: PACKAGE
PRECEDENCE: 7 ENTITY FILE: SYSTEM
PRECEDENCE: 5 ENTITY FILE: DIVISION
PRECEDENCE: 2 ENTITY FILE: USER

OREVNT COMMON LIST

DISPLAY TEXT: List of common release events

MULTIPLE VALUED: Yes

INSTANCE TERM: Entry number

VALUE TERM: Release Event

VALUE DATA TYPE: pointer

VALUE DOMAIN: 100.5

VALUE HELP: Enter release event to be added to common list

VALUE SCREEN CODE: I '$G(^(1))&('$D(^ORD(100.5,"DAD",Y)))

INSTANCE DATA TYPE: numeric

DESCRIPTION: Release events defined by this parameter will appear first in the list box when the user is writing delayed orders. These commonly used release events will appear above a line with the rest of the available release events appearing below the line.

Before the list is presented to the user events that are inactive and events that are inappropriate for display (for example, transfer types when the patient is still an outpatient) will be removed from the list.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: CLASS
PRECEDENCE: 3 ENTITY FILE: TEAM (OE/RR)
PRECEDENCE: 4 ENTITY FILE: LOCATION
PRECEDENCE: 5 ENTITY FILE: SERVICE
PRECEDENCE: 6 ENTITY FILE: DIVISION

OREVNT DEFAULT

DISPLAY TEXT: Default Release Event

VALUE TERM: Release Event

VALUE DATA TYPE: pointer

VALUE DOMAIN: 100.5

VALUE HELP: Enter a RELEASE EVENT for your default when writing new delayed orders.

DESCRIPTION: This parameter is used to provide a default Release Event in the event list box presented when the user clicks on the 'Write Delayed Orders' button in CPRS GUI.

PRECEDENCE: 2 ENTITY FILE: USER

OREVNT EXCLUDE DGRP

DISPLAY TEXT: Excluded groups for copy active order

MULTIPLE VALUED: Yes

INSTANCE TERM: Entry Number

VALUE TERM: Display Group

VALUE DATA TYPE: pointer

VALUE DOMAIN: 100.98

VALUE HELP: enter display group

INSTANCE DATA TYPE: numeric

DESCRIPTION: If the "copy active orders" field of a release event is set to YES then any orders that belong to the display groups listed in this parameter will NOT be presented in the list of orders to copy. This parameter allows you to screen certain types of orders from being copied when writing delayed orders.

PRECEDENCE: 1 ENTITY FILE: DIVISION
PRECEDENCE: 2 ENTITY FILE: SYSTEM

OREVNT MANUAL RELEASE

DISPLAY TEXT: Allow use of manual release option

VALUE TERM: Allow manual release

VALUE DATA TYPE: yes/no

VALUE HELP: Enter "yes" to allow manual release of delayed orders.

DESCRIPTION: This parameter will control the ability to use the release delayed orders action if the OREVNT MANUAL RELEASE CONTROL parameter is set to Parameter or Both (Parameter and Keys). If set to No or left blank, then manual release will not be allowed. If set to Yes, then the manual release action my be used.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: CLASS
PRECEDENCE: 3 ENTITY FILE: TEAM (OE/RR)
PRECEDENCE: 4 ENTITY FILE: LOCATION
PRECEDENCE: 5 ENTITY FILE: SERVICE
PRECEDENCE: 6 ENTITY FILE: DIVISION
PRECEDENCE: 7 ENTITY FILE: SYSTEM

OREVNT MANUAL RELEASE CONTROL

DISPLAY TEXT: Manual release control setting

VALUE TERM: Manual release controlled by

VALUE DATA TYPE: set of codes

VALUE DOMAIN: K:Keys Only (ORES/ORELSE);P:Manual Release Parameter Only (OREVE NT MANUAL RELEASE);B:Both (K and P)

VALUE HELP: Select how the use of the manual release action should be controlled.

DESCRIPTION: This parameter defines how access to the manual release action is controlled. There are three possible settings:

1: Keys Only - In this setting only holders of the ORES and ORELSE key may manually release a delayed order. This is how the system previously controlled access to this action. If the OREVNT MANUAL RELEASE CONTROL parameter is not set then this will be the default setting.

2: Manual Release Parameter Only - In this setting the OREVNT MANUAL RELEASE parameter controls who is allowed to manually release a delayed order. The OREVNT MANUAL RELEASE parameter is distributed with no settings, which effectively denies access to manual release if the control parameter is set to P. In order to have the OREVNT MANUAL RELEASE parameter control access to the manual release action you must set some level of the parameter to a positive (YES) value.

3: Both Keys and Parameter - In this setting a check is first made to see if the user has either the ORES or ORELSE key. If they do not then a check is made to see if the user will have access through the parameter settings. In this setting, if the user does not hold either the ORES or ORELSE key they could still have access to the action based on your parameter settings, which may be more liberal than you'd like. Be sure to check your settings.

PRECEDENCE: 1 ENTITY FILE: DIVISION

PRECEDENCE: 2 ENTITY FILE: SYSTEM

ORK CLINICAL DANGER LEVEL

DISPLAY TEXT: Order Check Clinical Danger Level

MULTIPLE VALUED: Yes

INSTANCE TERM: Order Check

VALUE DATA TYPE: set of codes

VALUE DOMAIN: 1:High;2:Moderate;3:Low

VALUE HELP: Enter the code indicating the clinical danger level of the order check.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 100.8

DESCRIPTION: Package, System, Division indicate the clinical danger level of an order check. Valid levels include High, Moderate, Low. The clinical danger level is used in sorting for order check display and prompting for override.

PRECEDENCE: 1 ENTITY FILE: DIVISION

PRECEDENCE: 2 ENTITY FILE: SYSTEM

PRECEDENCE: 3 ENTITY FILE: PACKAGE

ORK CT LIMIT HT

DISPLAY TEXT: CT SCANNER HEIGHT LIMIT

VALUE DATA TYPE: numeric

VALUE HELP: Enter the maximum height (in inches) of a patient.

DESCRIPTION: This parameter is used by order checking to determine if a patient is too tall to be examined by the CAT scanner.

PRECEDENCE: 1 ENTITY FILE: DIVISION

PRECEDENCE: 2 ENTITY FILE: SYSTEM

ORK CT LIMIT WT

DISPLAY TEXT: CT SCANNER WEIGHT LIMIT

VALUE DATA TYPE: numeric

VALUE HELP: Enter the maximum weight (in Pounds) of a patient.

DESCRIPTION: This parameter is used by order checking to determine if a patient weighs too much to be safely examined by the CAT Scanner.

PRECEDENCE: 1 ENTITY FILE: DIVISION

PRECEDENCE: 2 ENTITY FILE: SYSTEM

ORK DEBUG ENABLE/DISABLE

DISPLAY TEXT: Enable or disable debug log.

VALUE DATA TYPE: set of codes

VALUE DOMAIN: E:Enable;D:Disable

VALUE HELP: Enter 'Enable/E' to log debug messages.

DESCRIPTION: Parameter determines if order checking will log debug messages into ^XTMP("ORKLOG". 'Enabled' indicates logging will occur. 'Disabled' will prevent logging of messages and delete log file (^XTMP("ORKLOG")). The data for zero node entries is the information passed to order checking from OE/RR. The zero node is in the format: ^XTMP("ORKLOG",<order check date/time>,<pt id>,<orderable item>,<dlog mode>, <user id>,0)= <orderable item>|<filler>|<natl id^natl text^natl sys^local id^local text^ local sys>|<order effective date/time>|<order number>|<filler data>| The data for non-zero node entries is the information passed from order checking back to OE/RR. It is the order check messages plus other info to enhance OE/RR processing. It is in the format: ^XTMP("ORKLOG",<order check date/time>,<pt id>,<orderable item>,<dlog mode>, <user id>,<non-zero>)= <order number>^<order check id - 864.5 ien>^<clin danger level>^<message>

PRECEDENCE: 1 ENTITY FILE: DIVISION

PRECEDENCE: 2 ENTITY FILE: SYSTEM

PRECEDENCE: 3 ENTITY FILE: PACKAGE

ORK DUP ORDER RANGE LAB

DISPLAY TEXT: Duplicate lab orders date range

VALUE DATA TYPE: numeric

VALUE DOMAIN: 1:100000:0

VALUE HELP: Enter the number of hours back in time you wish to check for duplicate orders.

DESCRIPTION: The number of hours backwards in time to look for duplicate lab orders. For example, a value of '24' indicates a lab procedure intended to be collected within 24 hours of the collection of the same lab procedure will trigger an order check indicating duplicate lab order. Note: if the lab procedure has an entry in the parameter OR DUP ORDER DATE RANGE OI, the OI parameter takes precedence.

PRECEDENCE: 1 ENTITY FILE: LOCATION

PRECEDENCE: 2 ENTITY FILE: SERVICE

PRECEDENCE: 3 ENTITY FILE: DIVISION

PRECEDENCE: 4 ENTITY FILE: SYSTEM

PRECEDENCE: 5 ENTITY FILE: PACKAGE

ORK DUP ORDER RANGE OI

DISPLAY TEXT: Orderable item duplicate date range

MULTIPLE VALUED: Yes

INSTANCE TERM: Orderable Item

VALUE TERM: Hours

VALUE DATA TYPE: numeric

VALUE DOMAIN: 0:100000:0

VALUE HELP: Enter the number of hours back in time you wish to check for duplicate orders.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 101.43

INSTANCE HELP: The orderable item related to the duplicate order date range.

DESCRIPTION: The number of hours back in time to look for duplicate orders. For example, a value of '24' indicates if a duplicate of the orderable item was placed within the previous 24 hours, an order check indicating duplicate order will occur. A value of '0' (zero) indicates do not check for duplicates - duplicate order checking for this orderable item will not occur.

PRECEDENCE: 1 ENTITY FILE: LOCATION
PRECEDENCE: 2 ENTITY FILE: SERVICE
PRECEDENCE: 3 ENTITY FILE: DIVISION
PRECEDENCE: 4 ENTITY FILE: SYSTEM

ORK DUP ORDER RANGE RADIOLOGY

DISPLAY TEXT: Duplicate radiology order date range

VALUE DATA TYPE: numeric

VALUE DOMAIN: 1:100000:0

VALUE HELP: Enter the number of hours back in time you wish to check for duplicate orders.

DESCRIPTION: The number of hours backwards in time to look for duplicate radiology orders. For example, a value of '24' indicates a radiology/imaging procedure performed within 24 hours of the current order's effective date/ time will trigger an order check alerting the user to the duplicate.

PRECEDENCE: 1 ENTITY FILE: LOCATION
PRECEDENCE: 2 ENTITY FILE: SERVICE
PRECEDENCE: 3 ENTITY FILE: DIVISION
PRECEDENCE: 4 ENTITY FILE: SYSTEM
PRECEDENCE: 5 ENTITY FILE: PACKAGE

ORK EDITABLE BY USER

DISPLAY TEXT: Order Check On/Off Editable by User

MULTIPLE VALUED: Yes

INSTANCE TERM: Order Check

VALUE DATA TYPE: yes/no

VALUE DOMAIN: Y:yes;N:no

VALUE HELP: Enter 'yes' if the order check can be "Enabled" or "Disabled" by users.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 100.8

DESCRIPTION: Package, System, and Division indicate if the order check can be edited by a user. Valid values include "Yes" and "No". If the value is "Yes", the order check can be "Enabled" or "Disabled" by a user. Users do have access to change the order check's ORK PROCESSING FLAG parameter value. If the value is "No", the order check CANNOT be "Enabled" or "Disabled" by a user. Users do NOT have access to change the order check's ORK PROCESSING FLAG parameter value.

PRECEDENCE: 1 ENTITY FILE: DIVISION
PRECEDENCE: 2 ENTITY FILE: SYSTEM

ORK GLUCOPHAGE CREATININE

DISPLAY TEXT: Creatinine Results for Glucophage

VALUE TERM: Days

VALUE DATA TYPE: numeric

VALUE DOMAIN: 0:10000:0

VALUE HELP: Enter the number of days to check for most recent creatinine results.

DESCRIPTION: The number of days to look back in time for patient's most recent creatinine. This value is used in the Glucophage - Lab Results order check.

PRECEDENCE: 1 ENTITY FILE: LOCATION
PRECEDENCE: 2 ENTITY FILE: DIVISION
PRECEDENCE: 3 ENTITY FILE: SYSTEM
PRECEDENCE: 4 ENTITY FILE: PACKAGE

ORK MRI LIMIT HT

DISPLAY TEXT: MRI SCANNER HEIGHT LIMIT

VALUE DATA TYPE: numeric

VALUE HELP: Enter the maximum height (in inches) of a patient.

DESCRIPTION: This parameter is used by order checking to determine if a patient is too tall to be safely examined by the MRI scanner.

PRECEDENCE: 1 ENTITY FILE: DIVISION
PRECEDENCE: 2 ENTITY FILE: SYSTEM

ORK MRI LIMIT WT

DISPLAY TEXT: MRI SCANNER WEIGHT LIMIT

VALUE DATA TYPE: numeric

VALUE HELP: Enter the maximum weight (in pounds) for the patient.

DESCRIPTION: This parameter is used by order checking to determine if a patient weighs too much to be safely examined by the MRI scanner.

PRECEDENCE: 1 ENTITY FILE: DIVISION
PRECEDENCE: 2 ENTITY FILE: SYSTEM

ORK POLYPHARMACY

DISPLAY TEXT: Number of Polypharmacy Medications

VALUE TERM: Number of meds more than

VALUE DATA TYPE: numeric

VALUE DOMAIN: 0:100:0

VALUE HELP: Enter the number of medications for polypharmacy.

DESCRIPTION: The number of medications used to determine polypharmacy. If the patient is taking more than the number of meds indicated by this parameter's value, polypharmacy exists. This parameter is used by the order check Polypharmacy. This parameter accepts values from 0 to 100.

PRECEDENCE: 1 ENTITY FILE: LOCATION
PRECEDENCE: 2 ENTITY FILE: DIVISION
PRECEDENCE: 3 ENTITY FILE: SYSTEM
PRECEDENCE: 4 ENTITY FILE: PACKAGE

ORK PROCESSING FLAG

DISPLAY TEXT: Order Check Processing Flag

MULTIPLE VALUED: Yes

INSTANCE TERM: Order Check

VALUE DATA TYPE: set of codes

VALUE DOMAIN: E:Enabled;D:Disabled

VALUE HELP: Code indicating the processing flag for the entity and order check.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 100.8

INSTANCE HELP: Order check related to the processing flag.

DESCRIPTION: Flag indicating if an order check should be processed for a certain set of circumstances. An order check can be Enabled or Disabled. Only Enabled order checks will be processed.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: LOCATION
PRECEDENCE: 3 ENTITY FILE: SERVICE
PRECEDENCE: 4 ENTITY FILE: DIVISION
PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 6 ENTITY FILE: PACKAGE

ORK SYSTEM ENABLE/DISABLE

DISPLAY TEXT: Enable or disable order checking system.

VALUE DATA TYPE: set of codes

VALUE DOMAIN: E:Enable;D:Disable

VALUE HELP: Enter 'Enable/E' for order checking, 'Disable/D' to stop order checking.

DESCRIPTION: Parameter determines if any order checking will occur. 'E' or 'Enable' indicates order checking is enabled and running. 'D' or 'Disabled' indicates order checking is disabled and not running. Can be set at the Institution, System, or Package level.

PRECEDENCE: 1 ENTITY FILE: DIVISION
PRECEDENCE: 2 ENTITY FILE: SYSTEM
PRECEDENCE: 3 ENTITY FILE: PACKAGE

ORLP DEFAULT CLINIC FRIDAY

DISPLAY TEXT: Friday's Clinic

MULTIPLE VALUED: No

VALUE DATA TYPE: pointer

VALUE DOMAIN: 44

VALUE HELP: Enter clinic to be source of Friday's patient list.

DESCRIPTION: Clinic to be default source of Friday's patient list.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: SERVICE

ORLP DEFAULT CLINIC MONDAY

DISPLAY TEXT: Monday's Clinic

MULTIPLE VALUED: No

VALUE DATA TYPE: pointer

VALUE DOMAIN: 44

VALUE HELP: Clinic to be default patient list source on Monday.

DESCRIPTION: Clinic identified as a default source for patients on Monday.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: SERVICE

ORLP DEFAULT CLINIC SATURDAY

DISPLAY TEXT: Saturday's Clinic

MULTIPLE VALUED: No

VALUE DATA TYPE: pointer

VALUE DOMAIN: 44

VALUE HELP: Enter clinic to be source of Saturday's patient list.

DESCRIPTION: Clinic to be default source of Saturday's patient list.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: SERVICE

ORLP DEFAULT CLINIC START DATE

DISPLAY TEXT: Start Date

MULTIPLE VALUED: No

VALUE DATA TYPE: free text

VALUE HELP: Add patients to Clinic List with appointments as early as this date.

DESCRIPTION: Patients with appointment dates as early as this date will be added to the Clinic List. Patients will be added with appointment dates between START DATE and STOP DATE.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: SERVICE
PRECEDENCE: 3 ENTITY FILE: DIVISION
PRECEDENCE: 4 ENTITY FILE: SYSTEM
PRECEDENCE: 5 ENTITY FILE: PACKAGE

ORLP DEFAULT CLINIC STOP DATE

DISPLAY TEXT: Stop Date

MULTIPLE VALUED: No

VALUE DATA TYPE: free text

VALUE HELP: Add patients to Clinic List with appointments as recent as this date.

DESCRIPTION: Patients with appointment dates as recent as this date will be added to the Clinic List. Patients will be added with appointment dates between START DATE and STOP DATE.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: SERVICE
PRECEDENCE: 3 ENTITY FILE: DIVISION
PRECEDENCE: 4 ENTITY FILE: SYSTEM
PRECEDENCE: 5 ENTITY FILE: PACKAGE

ORLP DEFAULT CLINIC SUNDAY

DISPLAY TEXT: Sunday's Clinic

MULTIPLE VALUED: No

VALUE DATA TYPE: pointer

VALUE DOMAIN: 44

VALUE HELP: Enter clinic to be source of Sunday's patient list.

DESCRIPTION: Clinic to be default source of Sunday's patient list.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: SERVICE

ORLP DEFAULT CLINIC THURSDAY

DISPLAY TEXT: Thursday's Clinic

MULTIPLE VALUED: No

VALUE DATA TYPE: pointer

VALUE DOMAIN: 44

VALUE HELP: Enter clinic to be source of Thursday's patient list.

DESCRIPTION: Clinic to be default source of Thursday's patient list.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: SERVICE

ORLP DEFAULT CLINIC TUESDAY

DISPLAY TEXT: Tuesday's Clinic

MULTIPLE VALUED: No

VALUE DATA TYPE: pointer

VALUE DOMAIN: 44

VALUE HELP: Enter clinic to be default for creating Tuesday's patient list.

DESCRIPTION: Clinic to be default for determining patient list on Tuesdays.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: SERVICE

ORLP DEFAULT CLINIC WEDNESDAY

DISPLAY TEXT: Wednesday's Clinic

MULTIPLE VALUED: No

VALUE DATA TYPE: pointer

VALUE DOMAIN: 44

VALUE HELP: Enter clinic to be source of Wednesday's patient list.

DESCRIPTION: Clinic to be default source of Wednesday's patient list.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: SERVICE

ORLP DEFAULT LIST ORDER

DISPLAY TEXT: Sort Order

MULTIPLE VALUED: No

VALUE DATA TYPE: set of codes

VALUE DOMAIN: A:Alphabetic; R:Room/Bed; P:Appointment Date; T:Terminal Digit; S:Source

VALUE HELP: Any one of 'A', 'R', 'P', 'T', or 'S'.

DESCRIPTION: Default sort order for the patient list. Room/Bed is valid only for inpatients list (Ward, Team/Personal Team, Provider, Specialty). Appointment Date is valid only for outpatient lists (Clinic) and Combination lists. Source is valid only for Combination lists.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: SERVICE
PRECEDENCE: 3 ENTITY FILE: DIVISION
PRECEDENCE: 4 ENTITY FILE: SYSTEM
PRECEDENCE: 5 ENTITY FILE: PACKAGE

ORLP DEFAULT LIST SOURCE

DISPLAY TEXT: Select Patient From

MULTIPLE VALUED: No

VALUE DATA TYPE: set of codes

VALUE DOMAIN: T:Team/Personal List; W:Ward List; C:Clinic List; P:Provider List; S:Specialty List; M:Combination List

VALUE HELP: Any one of ‘T’, ‘W’, ‘C’, ‘P’, ‘S’, or ‘M’.

DESCRIPTION: Default preference for patient list source. Valid values include: T:Team/Personal List, W:Ward List, C:Clinic List, P:Provider List, S:Specialty List, M:Combination List

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: SERVICE

ORLP DEFAULT PROVIDER

DISPLAY TEXT: Provider

MULTIPLE VALUED: No

VALUE DATA TYPE: pointer

VALUE DOMAIN: 200

VALUE HELP: Provider who is a source for patient list.

DESCRIPTION: Provider who is basis for building the Provider List of patients.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: SERVICE

ORLP DEFAULT SPECIALTY

DISPLAY TEXT: Specialty

MULTIPLE VALUED: No

VALUE DATA TYPE: pointer

VALUE DOMAIN: 45.7

VALUE HELP: Treating Specialty as a patient source.

DESCRIPTION: Treating Specialty used as a source for patients on the Specialty List.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: SERVICE

ORLP DEFAULT TEAM

DISPLAY TEXT: Team/Personal

MULTIPLE VALUED: No

VALUE DATA TYPE: pointer

VALUE DOMAIN: 100.21

VALUE HELP: Team/Personal list to be default source of patients.

DESCRIPTION: Team/Personal list to be default source of patients.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: SERVICE

ORLP DEFAULT WARD

DISPLAY TEXT: Ward

MULTIPLE VALUED: No

VALUE DATA TYPE: pointer

VALUE DOMAIN: 42

VALUE HELP: Ward to be default source of patient.

DESCRIPTION: Ward for default list of patients.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: SERVICE

ORLPC CONVERSION

DISPLAY TEXT: Patient Selection Conversion

VALUE DATA TYPE: set of codes

VALUE DOMAIN: 1:conversion completed

DESCRIPTION: Conversion information for CPRS. No user interaction.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORM ORMTIME LAST RUN

DISPLAY TEXT: Time of last ORMTIME run

VALUE DATA TYPE: numeric

DESCRIPTION: This parameter is written and accessed by ORMTIME and related processing. No direct user access is intended.

PRECEDENCE: 0 ENTITY FILE: SYSTEM

ORM TASKMAN QUEUE FREQUENCY

DISPLAY TEXT: Freq to check timed events via TaskMan

VALUE DATA TYPE: numeric

VALUE DOMAIN: 1:100000:0

VALUE HELP: Enter the number of minutes between TaskMan re-queue of OCX processing.

DESCRIPTION: The number of minutes to delay between processing OCX time-based events via TaskMan. If the parameter is not set, a default of 240 minutes will be used. The maximum number of minutes is 100,000 (1667 hours or 69 days).

PRECEDENCE: 1 ENTITY FILE: DIVISION

PRECEDENCE: 2 ENTITY FILE: SYSTEM

PRECEDENCE: 3 ENTITY FILE: PACKAGE

ORPF ACTIVE ORDERS CONTEXT HRS

DISPLAY TEXT: Active Orders Context Hours

VALUE TERM: ACTIVE ORDERS CONTEXT HOURS

VALUE DATA TYPE: numeric

VALUE HELP: Number of hours to include completed orders in Active Orders display.

DESCRIPTION: This parameter defines the number of hours that orders remain in the "Active/Current Orders" context after they have been completed.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF AUTO UNFLAG

DISPLAY TEXT: Auto Unflag

VALUE TERM: AUTO UNFLAG

VALUE DATA TYPE: yes/no

VALUE HELP: Enter YES to automatically cancel Flag notification when processed.

DESCRIPTION: This parameter, when set to YES, will automatically cancel the Flag Orders Notification and unflag all orders for a patient when a user process a Flagged Orders Notification.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF CHART COPY FOOTER

DISPLAY TEXT: Chart Copy Footer

VALUE TERM: CHART COPY FOOTER

VALUE DATA TYPE: pointer

VALUE DOMAIN: 100.23

VALUE HELP: Enter the format for the chart copy footer.

DESCRIPTION: This is the format used to print the footer of the chart copies of orders for the hospital.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF CHART COPY FORMAT

DISPLAY TEXT: Chart Copy Format

VALUE TERM: CHART COPY FORMAT

VALUE DATA TYPE: pointer

VALUE DOMAIN: 100.23

VALUE HELP: Enter the format for the chart copy.

DESCRIPTION: This is the format used when printing chart copies of the orders for the hospital.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF CHART COPY HEADER

DISPLAY TEXT: Chart Copy Header

VALUE TERM: CHART COPY HEADER

VALUE DATA TYPE: pointer

VALUE DOMAIN: 100.23

VALUE HELP: Enter the format for the chart copy header.

DESCRIPTION: This is the format used to print the header of the chart copies of orders for the hospital.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF CHART COPY PRINT DEVICE

DISPLAY TEXT: Chart Copy Print Device

VALUE TERM: CHART COPY PRINT DEVICE

VALUE DATA TYPE: pointer

VALUE DOMAIN: 3.5

VALUE HELP: Enter name of printer for printing chart copies.

DESCRIPTION: This is the printer on the ward/clinic/other where the chart copy should be printed. If the field PROMPT FOR CHART COPY is 0 or 2, this printer is automatically used to print the report. If the field PROMPT FOR CHART COPY is 1, the user is asked for device with the entry in this field as a default.

PRECEDENCE: 2 ENTITY FILE: LOCATION

PRECEDENCE: 1 ENTITY FILE: ROOM-BED

ORPF CHART SUMMARY SORT

DISPLAY TEXT: Chart Copy Summary Sort Forward

VALUE TERM: CHART SUMMARY ORDER

VALUE DATA TYPE: yes/no

VALUE HELP: Enter YES to have the Chart Copy Summaries sort by forward date/time.

DESCRIPTION: This parameter allows the Chart Copy summaries to print in forward chronological order.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF CONDENSED ORDER SUMMARY

DISPLAY TEXT: Condensed Order Summary

VALUE TERM: CONDENSED ORDER SUMMARY

VALUE DATA TYPE: yes/no

VALUE HELP: Enter YES to print multiple patients on one page of order summaries

DESCRIPTION: A value of YES in this parameter will print a condensed version of the order summary. The report will be continuous from one patient to the next, printing multiple patients on a page, if there is room. A value of NO will put a page break between patient reports.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF CONFIRM PROVIDER

DISPLAY TEXT: Confirm Provider

VALUE TERM: CONFIRM PROVIDER

VALUE DATA TYPE: set of codes

VALUE DOMAIN: 0:NO;1:YES (Default NO);2:YES (Exclude ORES);3:YES (Default YES)

VALUE HELP: Enter YES to prompt the user for confirmation whenever a provider is entered.

DESCRIPTION: This field will allow an additional prompt to confirm the provider selection when adding new orders. Entering 2 in this field will exclude holders of the ORES key (providers) from this check. Notice that these parameters also control the default presented to the user: ‘Are you sure? <no -or- yes>’

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF DAILY ORDER SUMMARY DEVC

DISPLAY TEXT: Daily Order Summary Device

VALUE TERM: DAILY ORDER SUMMARY DEVICE

VALUE DATA TYPE: pointer

VALUE DOMAIN: 3.5

VALUE HELP: Enter the device to automatically print the daily order summary.

DESCRIPTION: This parameter specifies the device on which the DAILY ORDER SUMMARY should be queued by the nightly scheduled option ORTASK 24 HOUR SUMMARY.

PRECEDENCE: 2 ENTITY FILE: LOCATION

PRECEDENCE: 1 ENTITY FILE: ROOM-BED

ORPF DC OF GENERIC ORDERS

DISPLAY TEXT: DC Generic Orders on Ward Transfer

VALUE TERM: DC GENERIC ORDERS ON WARD TRANSFER

VALUE DATA TYPE: set of codes

VALUE DOMAIN: 0:NO;1:YES;

VALUE HELP: Enter YES to have a patient's active generic orders Discharged on a ward transfer.

DESCRIPTION: This parameter controls the discharging of generic orders (orders that are not transmitted to any ancillary service for action) when a patient's ward location changes. If set to YES, then generic orders are discharged whenever the patient is transferred to a new location; if empty or set to NO, no automatic discharging will take place on ward transfers.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF DEFAULT PROVIDER

DISPLAY TEXT: Default Provider

VALUE TERM: DEFAULT PROVIDER

VALUE DATA TYPE: yes/no

VALUE HELP: Enter YES to default with attending physician when entering orders.

DESCRIPTION: This parameter allows the attending physician to be prompted as a default when adding new orders.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF ERROR DAYS

DISPLAY TEXT: Error Days

VALUE TERM: ERROR DAYS

VALUE DATA TYPE: numeric

VALUE HELP: Enter the number of days to keep the OE/RR Error file current.

DESCRIPTION: ???

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF EXPAND CONTINUOUS ORDERS

DISPLAY TEXT: Expand Continuous Orders

VALUE TERM: EXPAND CONTINUOUS ORDERS

VALUE DATA TYPE: yes/no

VALUE HELP: Specify how continuous orders are to appear on the chart copies.

DESCRIPTION: This is a site parameter to enable continuous orders (i.e., orders with a continuous schedule, e.g., QD or Q4H) to be expanded or not on the chart copy. If set to YES, an order for GLUCOSE BLOOD SERUM with the schedule QD would appear on the chart as:

05/17 11:04 GLUCOSE BLOOD SERUM Ten Cprsprovider
LB #805 WC ROUTINE

05/18 11:04 GLUCOSE BLOOD SERUM Ten Cprsprovider
LB #806 WC ROUTINE

05/19 11:04 GLUCOSE BLOOD SERUM Ten Cprsprovider
LB #807 WC ROUTINE

If this parameter is set to NO, the same order would appear as:

05/17 11:04 GLUCOSE BLOOD SERUM QD Ten Cprsprovider

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF GRACE DAYS BEFORE PURGE

DISPLAY TEXT: Grace Days before Purge

VALUE TERM: GRACE DAYS BEFORE PURGE

VALUE DATA TYPE: numeric

VALUE DOMAIN: 30:99999

VALUE HELP: Enter the number of days that should pass before a completed order is purged.

DESCRIPTION: This parameter is the number of days that should pass before an order is purged. Only orders with a status of discontinued, complete, expired, cancelled, changed, and lapsed will be purged.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF INITIALS ON SUMMARY

DISPLAY TEXT: Initials on Summary

VALUE TERM: PRINT INITIALS ON SUMMARY REPORT

VALUE DATA TYPE: yes/no

VALUE HELP: Enter YES to have the initials of entering person on order summary reports.

DESCRIPTION: This parameter allows the initials of the person who entered the order to be displayed on the order summary reports. The initials take up an additional line on the display and are shown just below the Ord'd date time.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF LABEL PRINT DEVICE

DISPLAY TEXT: Label Print Device

VALUE TERM: LABEL PRINT DEVICE

VALUE DATA TYPE: pointer

VALUE DOMAIN: 3.5

VALUE HELP: Enter name of printer for printing labels.

DESCRIPTION: This is the printer on the ward/clinic/other where the label should be printed. If the field PROMPT FOR LABELS is 0 or 2, this printer is automatically used to print the labels. If the field PROMPT FOR LABELS is 1, the user is asked for device with the entry in this field as a default.

PRECEDENCE: 2 ENTITY FILE: LOCATION

PRECEDENCE: 1 ENTITY FILE: ROOM-BED

ORPF LABEL SORT FIELD

DISPLAY TEXT: Label Sort Field

MULTIPLE VALUED: Yes

INSTANCE TERM: package

VALUE TERM: LABEL SORT FIELD

VALUE DATA TYPE: free text

VALUE HELP: Enter the field name to sort labels by.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 9.4

DESCRIPTION: This is the field as defined at the ^OR(100,ifn,4.5 level in file 100 to be used to sort labels by.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF LAST ORDER PURGED

DISPLAY TEXT: Last Order Purged

VALUE DATA TYPE: pointer

VALUE DOMAIN: 100

VALUE HELP: Enter last order purged.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF LAST PURGE DATE

DISPLAY TEXT: Last Purge Date

VALUE TERM: LAST PURGE DATE

PROHIBIT EDITING: Yes

VALUE DATA TYPE: date/time

VALUE DOMAIN: ::T

DESCRIPTION: ???

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF NEW ORDERS DEFAULT

DISPLAY TEXT: New Orders Default

VALUE TERM: NEW ORDERS DEFAULT

VALUE DATA TYPE: set of codes

VALUE DOMAIN: 0:Sign All Orders;1:Sign & Release;

VALUE HELP: Enter the desired default action for the Review New Orders screen

DESCRIPTION: This parameter determines the default action to be presented at the end of the Review New Orders screen; the action 'Next Screen' will be used until the last screen of orders, if there are more than one. If there is no action specified here, then 'Sign All Orders' will be used.

PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 9 ENTITY FILE: PACKAGE

ORPF PRINT CHART COPY SUMMARY

DISPLAY TEXT: Print Chart Copy Summary

VALUE TERM: PRINT CHART COPY SUMMARYVALUE DATA TYPE: yes/no

VALUE HELP: Specify whether chart copy summary will print for this location.

DESCRIPTION: This parameter specifies to the nightly background job ORTASK 24HR CHART COPIES that a daily Chart Copy summary should be queued to the device specified by the CHART COPY DEVICE field.

PRECEDENCE: 1 ENTITY FILE: LOCATION

ORPF PRINT CHART COPY WHEN

DISPLAY TEXT: Print Chart Copy When

VALUE TERM: PRINT CHART COPY WHEN

VALUE DATA TYPE: set of codes

VALUE DOMAIN: R:releasing order;S:signing orders

VALUE HELP: 'R' prints chart copy when orders are released; 'S' prints when orders signed.

DESCRIPTION: Chart copies may be printed when orders are a) released to the service or b) signed by a clinician (may be after the orders are released) This parameter determines at which point the chart copy of orders will print. The chart copy may be printed when the order is released to the service or delayed until the order is actually signed.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF PRINT DAILY ORDER SUMMARY

DISPLAY TEXT: Print Daily Order Summary

VALUE TERM: PRINT DAILY ORDER SUMMARY

VALUE DATA TYPE: yes/no

VALUE HELP: Specify whether daily order summary will print for this location.

DESCRIPTION: This parameter specifies to the nightly background job ORTASK 24HR SUMMARY that a daily order summary should be queued to the device specified in the DAILY ORDER SUMMARY DEVICE field.

PRECEDENCE: 1 ENTITY FILE: LOCATION

ORPF PROMPT FOR CHART COPY

DISPLAY TEXT: Prompt for Chart Copy

VALUE TERM: PROMPT FOR CHART COPY

VALUE DATA TYPE: set of codes

VALUE DOMAIN: 0:DON'T PROMPT;1:PROMPT AND ASK DEVICE;2:PROMPT AND NOT ASK DEVICE;*:DON'T PRINT

VALUE HELP: Specify how prompting logic will work for chart copies

DESCRIPTION: This field allows various levels of user interaction for printing a chart copy of the orders. ENTER 0 for no prompts- chart copy is automatically generated.1 to prompt for chart copy and ask which printer should be used.2 to prompt for chart copy and automatically print to the printer defined in the CHART COPY PRINT DEVICE field. * don't print.

PRECEDENCE: 1 ENTITY FILE: LOCATION

PRECEDENCE: 2 ENTITY FILE: DIVISION

PRECEDENCE: 3 ENTITY FILE: SYSTEM

ORPF PROMPT FOR LABELS

DISPLAY TEXT: Prompt for Labels

VALUE TERM: PROMPT FOR LABELS

VALUE DATA TYPE: set of codes

VALUE DOMAIN: 0:DON'T PROMPT;1:PROMPT AND ASK DEVICE;2:PROMPT AND NOT ASK DEVICE;*:DON'T PRINT

VALUE HELP: Specify the prompting logic for labels.

DESCRIPTION: This parameter allows various levels of user interaction for printing a label on the ward for orders. ENTER 0 for no prompts- labels are automatically generated.1 to prompt for labels and ask which printer should be used.2 to prompt for labels and automatically print to the printer defined in the LABEL PRINT DEVICE field. * don't print.

PRECEDENCE: 1 ENTITY FILE: LOCATION

PRECEDENCE: 2 ENTITY FILE: DIVISION

PRECEDENCE: 3 ENTITY FILE: SYSTEM

ORPF PROMPT FOR REQUISITIONS

DISPLAY TEXT: Prompt for Requisitions

VALUE TERM: PROMPT FOR REQUISITIONS

VALUE DATA TYPE: set of codes

VALUE DOMAIN: 0:DON'T PROMPT;1:PROMPT AND ASK DEVICE;2:PROMPT AND NOT ASK DEVICE;*:DON'T PRINT

VALUE HELP: Specify the prompting logic for labels.

DESCRIPTION: This field allows various levels of user interaction for printing a requisition on the ward for orders. ENTER 0 for no prompts- requisitions are automatically generated. 1 to prompt for requisitions and which printer should be used. 2 to prompt for requisitions and automatically print to the printer defined in the REQUISITION PRINT DEVICE field. * don't print.

PRECEDENCE: 1 ENTITY FILE: LOCATION

PRECEDENCE: 2 ENTITY FILE: DIVISION

PRECEDENCE: 3 ENTITY FILE: SYSTEM

ORPF PROMPT FOR WORK COPY

DISPLAY TEXT: Prompt for Work Copy

VALUE TERM: PROMPT FOR WORK COPY

VALUE DATA TYPE: set of codes

VALUE DOMAIN: 0:DON'T PROMPT;1:PROMPT AND ASK DEVICE;2:PROMPT AND NOT ASK DEVICE;*:DON'T PRINT

VALUE HELP: Specify the prompting logic for work copies

DESCRIPTION: This field allows various levels of user interaction for printing a work copy of the orders. ENTER 0 for no prompts- work copy is automatically generated. 1 to prompt for work copy and ask which printer should be used. 2 to prompt for work copy and automatically print to the printer defined in the WORK COPY PRINT DEVICE field. * don't print.

PRECEDENCE: 1 ENTITY FILE: LOCATION

PRECEDENCE: 2 ENTITY FILE: DIVISION

PRECEDENCE: 3 ENTITY FILE: SYSTEM

ORPF REQUISITION PRINT DEVICE

DISPLAY TEXT: Requisition Print Device

VALUE TERM: REQUISITION PRINT DEVICEVALUE DATA TYPE: pointer

VALUE DOMAIN: 3.5

VALUE HELP: Enter name of printer for printing requisitions.

DESCRIPTION: This is the printer on the ward/clinic/other where the requisition should be printed. If the field PROMPT FOR REQUISITIONS is 0 or 2, this printer is automatically used to print the requisitions. If the field PROMPT FOR REQUISITIONS is 1, the user is asked for device with the entry in this field as a default.

PRECEDENCE: 2 ENTITY FILE: LOCATION

PRECEDENCE: 1 ENTITY FILE: ROOM-BED

ORPF REQUISITION SORT FIELD

DISPLAY TEXT: Requisition Sort Field

MULTIPLE VALUED: Yes

INSTANCE TERM: package

VALUE TERM: REQUISITION SORT FIELD

VALUE DATA TYPE: free text

VALUE HELP: Enter the field name to sort requisitions by.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 9.4

DESCRIPTION: This is the field as defined at the ^OR(100,ifn,4.5 level in file 100 to be used to sort requisitions by.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF RESTRICT REQUESTOR

DISPLAY TEXT: Restrict Requestor

VALUE TERM: RESTRICT REQUESTOR

VALUE DATA TYPE: set of codes

VALUE DOMAIN: 0:NO;1:YES (ORELSE);2:YES (ORELSE & OREMAS)

VALUE HELP: This restricts users from selecting themselves as the requesting clinician.

DESCRIPTION: This field allows a site to restrict the selection of providers when adding new orders at the 'Requesting CLINICIAN: ' prompt for holders of the ORELSE and OREMAS key. The restriction being that they cannot select themselves as the requestor even though they may also hold the PROVIDER key. 1 YES (ORELSE) - restricts only holders of the ORELSE key. 2 YES (ORELSE & OREMAS) - restricts holders of either key.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF REVIEW ON PATIENT MVMT

DISPLAY TEXT: Review on Patient Movement

VALUE TERM: REVIEW ORDERS ON PATIENT MOVEMENT

VALUE DATA TYPE: yes/no

VALUE HELP: Enter YES to review patient orders upon patient movement or clinic appointment.

DESCRIPTION: This parameter allows orders to be reviewed when a patient is transferred or discharged, and when a clinic appointment is made or canceled.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF SERVICE COPY DEFLT DEVICE

DISPLAY TEXT: Service Copy Default Device

MULTIPLE VALUED: Yes

INSTANCE TERM: PACKAGE

VALUE TERM: SERVICE COPY DEVICE

VALUE DATA TYPE: pointer

VALUE DOMAIN: 3.5

VALUE HELP: Enter the Service copy default device.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 9.4

DESCRIPTION: This is the printer that is to be used when printing order copies to the service.

PRECEDENCE: 2 ENTITY FILE: LOCATION
PRECEDENCE: 4 ENTITY FILE: SYSTEM
PRECEDENCE: 1 ENTITY FILE: ROOM-BED
PRECEDENCE: 3 ENTITY FILE: DIVISION

ORPF SERVICE COPY FOOTER

DISPLAY TEXT: Service Copy Footer

MULTIPLE VALUED: Yes

INSTANCE TERM: package

VALUE TERM: SERVICE COPY FOOTER

VALUE DATA TYPE: pointer

VALUE DOMAIN: 100.23

VALUE HELP: Enter the Service copy footer for this package.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 9.4

DESCRIPTION: This is the format to be used for the footer portion of the order copy to the service for this package.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF SERVICE COPY FORMAT

DISPLAY TEXT: Service Copy Format

MULTIPLE VALUED: Yes

INSTANCE TERM: PACKAGE

VALUE TERM: SERVICE COPY FORMAT

VALUE DATA TYPE: pointer

VALUE DOMAIN: 100.23

VALUE HELP: Enter the Service copy format

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 9.4

DESCRIPTION: This is the format to be used when printing order copies to the service.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF SERVICE COPY HEADER

DISPLAY TEXT: Service Copy Header

MULTIPLE VALUED: Yes

INSTANCE TERM: PACKAGE

VALUE TERM: SERVICE COPY HEADER

VALUE DATA TYPE: pointer

VALUE DOMAIN: 100.23

VALUE HELP: Enter the Service copy header for this package.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 9.4

DESCRIPTION: This is the format to be used for the header portion of the order copy to the service for this package.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF SERVICE COPY PRINT DEVICE

DISPLAY TEXT: Service Copy Print Device

MULTIPLE VALUED: Yes

INSTANCE TERM: package

VALUE TERM: SERVICE COPY PRINT DEVICE

VALUE DATA TYPE: pointer

VALUE DOMAIN: 3.5

VALUE HELP: Enter the service copy printer for this package at the given location.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 9.4

DESCRIPTION: This is the device to which service copies will be printed for the corresponding hospital location. (e.g., if the patient is admitted to ward 1A, for which the SERVICE COPY PRINT DEVICE is called P1A, for the IV MEDICATIONS package, then service copies of all of that patient's IV orders will be printed to P1A, overriding the SERVICE COPY DEFAULT DEVICE, if one has been defined.

PRECEDENCE: 1 ENTITY FILE: LOCATION

ORPF SETUP ACTION

DISPLAY TEXT: Setup Action

VALUE DATA TYPE: M code

DESCRIPTION: ???

PRECEDENCE: 1 ENTITY FILE: PACKAGE

ORPF SHOW LAB

DISPLAY TEXT: Show Lab #

VALUE TERM: SHOW LAB #

VALUE DATA TYPE: yes/no

VALUE HELP: Enter YES to have the lab order number displayed to physicians on release

DESCRIPTION: This field controls the listing of lab orders for holders of the ORES key, after the electronic signature has been entered when entering new orders. Only after the order is released to Lab service is the number assigned; if physicians want to see the lab order # with the order after entering and signing the orders, this parameter must be set to YES. All other users get the listing regardless of what this parameter is set to.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF SHOW STATUS DESCRIPTION

DISPLAY TEXT: Show Status Description

VALUE TERM: SHOW STATUS DESCRIPTION

VALUE DATA TYPE: yes/no

VALUE HELP: Enter YES to have the status description displayed on the detailed display.

DESCRIPTION: This parameter allows the description associated with a status to be displayed with the current status of an order when a detailed display is requested.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF SUMMARY SORT FORWARD

DISPLAY TEXT: Order Summary Sort Forward

VALUE TERM: SUMMARY SORT FORWARD

VALUE DATA TYPE: yes/no

VALUE HELP: Enter YES to have the Order Summaries sort by forward date/time.

DESCRIPTION: This parameter allows the Order summaries to print in forward chronological order.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF WARD LABEL FORMAT

DISPLAY TEXT: Ward Label Format

MULTIPLE VALUED: Yes

INSTANCE TERM: PACKAGE

VALUE TERM: WARD LABEL FORMAT

VALUE DATA TYPE: pointer

VALUE DOMAIN: 100.23

VALUE HELP: Enter the ward label format for this package.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 9.4

DESCRIPTION: This is the label format to be used when printing labels for this package.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF WARD REQUISITION FOOTER

DISPLAY TEXT: Ward Requisition Footer

MULTIPLE VALUED: Yes

INSTANCE TERM: package

VALUE TERM: WARD REQUISTITION FOOTER

VALUE DATA TYPE: pointer

VALUE DOMAIN: 100.23

VALUE HELP: Enter the format for the requisition footer.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 9.4

DESCRIPTION: This is the format used to print the footer of order requisitions for the hospital.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF WARD REQUISITION FORMAT

DISPLAY TEXT: Ward Requisition Format

MULTIPLE VALUED: Yes

INSTANCE TERM: package

VALUE TERM: WARD REQUISITION FORMAT

VALUE DATA TYPE: pointer

VALUE DOMAIN: 100.23

VALUE HELP: Enter the ward requisition format for this package.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 9.4

DESCRIPTION: This is the requisition format to be used when printing requisitions for this package.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF WARD REQUISITION HEADER

DISPLAY TEXT: Ward Requisition Header

MULTIPLE VALUED: Yes

INSTANCE TERM: package

VALUE TERM: WARD REQUISTION HEADER

VALUE DATA TYPE: pointer

VALUE DOMAIN: 100.23

VALUE HELP: Enter the format for the requisition header.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 9.4

DESCRIPTION: This is the format used to print the header of order requisitions for the hospital.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF WORK COPY FOOTER

DISPLAY TEXT: Work Copy Footer

VALUE TERM: WORK COPY FOOTER

VALUE DATA TYPE: pointer

VALUE DOMAIN: 100.23

VALUE HELP: Enter the format for the work copy footer.

DESCRIPTION: This is the format used to print the footer of the work copies of orders for the hospital.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF WORK COPY FORMAT

DISPLAY TEXT: Work Copy Format

VALUE TERM: WORK COPY FORMAT

VALUE DATA TYPE: pointer

VALUE DOMAIN: 100.23

VALUE HELP: Enter the format for the work copy.

DESCRIPTION: This is the format used when printing work copies of the orders for the hospital.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF WORK COPY HEADER

DISPLAY TEXT: Work Copy Header

VALUE TERM: WORK COPY HEADER

VALUE DATA TYPE: pointer

VALUE DOMAIN: 100.23

VALUE HELP: Enter the format for the work copy header.

DESCRIPTION: This is the format used to print the header of the work copies of orders for the hospital.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORPF WORK COPY PRINT DEVICE

DISPLAY TEXT: Work Copy Print Device

VALUE TERM: WORK COPY PRINT DEVICE

VALUE DATA TYPE: pointer

VALUE DOMAIN: 3.5

VALUE HELP: Enter name of printer for printing work copies.

DESCRIPTION: This is the printer on the ward/clinic/other where the work copy should be printed. If the field PROMPT FOR WORK COPY is 0 or 2, this printer is automatically used to print the report. If the field PROMPT FOR WORK COPY is 1, the user is asked for device with the entry in this field as a default.

PRECEDENCE: 2 ENTITY FILE: LOCATION
PRECEDENCE: 1 ENTITY FILE: ROOM-BED

ORPF WORK SUMMARY SORT

DISPLAY TEXT: Work Copy Summary Sort Forward

VALUE TERM: WORK COPY SUMMARY SORT

VALUE DATA TYPE: yes/no

VALUE HELP: Enter YES to have the Work Copy Summaries sort by forward date/time.

DESCRIPTION: This parameter allows the Work Copy summaries to print in forward chronological order.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORQQAP SEARCH RANGE START

NOTE: This parameter is no longer used in CPRS. The parameter ORQQCSDR CS RANGE START now controls how many days back CPRS searches to display appointments, visits, and admissions on the Cover Sheet.

DISPLAY TEXT: Appt Search Start Date

MULTIPLE VALUED: No

VALUE TERM: Appt Search Start Date

VALUE DATA TYPE: free text

VALUE HELP: List appointments for a patient as early as this date in format 'T', 'T-30'.

DESCRIPTION: Returns the relative date to begin listing appointments for a patient across all clinics. For example, T-30 will begin listing appointments at clinics beginning 30 days before now, T will list appointments beginning today.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: SERVICE
PRECEDENCE: 3 ENTITY FILE: DIVISION
PRECEDENCE: 4 ENTITY FILE: SYSTEM
PRECEDENCE: 5 ENTITY FILE: PACKAGE

ORQQAP SEARCH RANGE STOP

NOTE: This parameter is no longer used in CPRS. The parameter ORQQCSDR CS RANGE STOP now controls how many days ini the future CPRS searches to display appointments, visits, and admissions on the Cover Sheet.

DISPLAY TEXT: Appt Search Stop Date

MULTIPLE VALUED: No

VALUE TERM: Appt Search Stop Date

VALUE DATA TYPE: free text

VALUE HELP: List appointments for a patient as late as this date in format 'T', 'T+7'.

DESCRIPTION: Returns the relative date to end listing appointments for a patient at all clinics. For example, 'T+30' will not list appointments at the clinics after 30 days from now. 'T' will not list appointments later than today.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: SERVICE
PRECEDENCE: 3 ENTITY FILE: DIVISION
PRECEDENCE: 4 ENTITY FILE: SYSTEM
PRECEDENCE: 5 ENTITY FILE: PACKAGE

ORQQCN DATE RANGE

DISPLAY TEXT: Consult/Request Date Range

VALUE TERM: Consult/Request Number of Display Days

VALUE DATA TYPE: numeric

VALUE DOMAIN: 1:1000000:0

VALUE HELP: Enter the number of days to search back in time for consults/requests.

DESCRIPTION: The number of days in time to search backwards for consults/requests. If not indicated, the default period of 730 days (2 years) will be used. The maximum number of days is 100,000 or about 220 years.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: LOCATION
PRECEDENCE: 3 ENTITY FILE: SERVICE
PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 4 ENTITY FILE: DIVISION
PRECEDENCE: 6 ENTITY FILE: PACKAGE

ORQQCSDR CS RANGE START

DISPLAY TEXT: Cover Sheet Visit Range Start

MULTIPLE VALUED: No

VALUE TERM: CS Visit Search Start

VALUE DATA TYPE: free text

VALUE HELP: Enter start days for CS visits (E.g., T-120)

DESCRIPTION:

Returns the relative date to start listing visits for a patient on the Cover Sheet. For example, 'T-90' will list visits beginning 90 days before today.

PRECEDENCE: 1 ENTITY FILE: USER

PRECEDENCE: 2 ENTITY FILE: SERVICE

PRECEDENCE: 3 ENTITY FILE: DIVISION

PRECEDENCE: 4 ENTITY FILE: SYSTEM

PRECEDENCE: 5 ENTITY FILE: PACKAGE

ORQQCSDR CS RANGE STOP

DISPLAY TEXT: Cover Sheet Visit Range Stop

MULTIPLE VALUED: No

VALUE TERM: CS Visit Search Stop

VALUE DATA TYPE: free text

VALUE HELP: Enter stop days for CS visits (E.g., T+30)

DESCRIPTION:

Returns the relative date to stop listing visits for a patient on the Cover Sheet. For example, 'T+2' will list visits ending two days from today.

PRECEDENCE: 1	ENTITY FILE: USER
PRECEDENCE: 2	ENTITY FILE: SERVICE
PRECEDENCE: 3	ENTITY FILE: DIVISION
PRECEDENCE: 4	ENTITY FILE: SYSTEM
PRECEDENCE: 5	ENTITY FILE: PACKAGE

ORQQEAPT ENC APPT START

DISPLAY TEXT: Enc Appt Range Start Offset

MULTIPLE VALUED: No

VALUE TERM: Enc Appt Range Start Offset

VALUE DATA TYPE: numeric

VALUE HELP: Enter start days before Today for Enc Appts (positive number up to 999)

VALUE VALIDATION CODE: K:(X>999)!(X<0) X

DESCRIPTION: Returns the relative number of days before Today to begin listing appointments (0=Today, 1=Today-1 Day, etc.).

PRECEDENCE: 1	ENTITY FILE: USER
PRECEDENCE: 2	ENTITY FILE: SERVICE
PRECEDENCE: 3	ENTITY FILE: DIVISION
PRECEDENCE: 4	ENTITY FILE: SYSTEM
PRECEDENCE: 5	ENTITY FILE: PACKAGE

ORQQEAPT ENC APPT STOP

DISPLAY TEXT: Enc Appt Range Stop Offset

VALUE TERM: Enc Appt Range Stop Offset

VALUE DATA TYPE: numeric

VALUE HELP: Enter stop days after Today for Enc Appts (positive number up to 999)
VALUE VALIDATION CODE: K:(X>999)!(X<0) X

DESCRIPTION:

Returns the relative number of days from Today to stop listing appointments (0=Today, 1=Today+1 Day, etc.).

PRECEDENCE: 1	ENTITY FILE: USER
PRECEDENCE: 2	ENTITY FILE: SERVICE
PRECEDENCE: 3	ENTITY FILE: DIVISION
PRECEDENCE: 4	ENTITY FILE: SYSTEM
PRECEDENCE: 5	ENTITY FILE: PACKAGE

ORQQEAFL ENC APPT FUTURE LIMIT

DISPLAY TEXT: Future Days Limit For PCE Selection

VALUE TERM: Future Days Limit For PCE Selection

VALUE DATA TYPE: numeric

VALUE HELP: Enter number days from today for future appt warning

VALUE VALIDATION CODE: K:(X>180)!(X<0) X

DESCRIPTION:

Number of days from Today when warning is given to user upon selection of a future appointment for Encounters.

PRECEDENCE: 2	ENTITY FILE: SYSTEM
PRECEDENCE: 3	ENTITY FILE: PACKAGE
PRECEDENCE: 1	ENTITY FILE: DIVISION

ORQQLR DATE RANGE INPT

DISPLAY TEXT: Inpatient Lab Number of Days to Display

VALUE TERM: Inpatient Lab Number of Days to Display

VALUE DATA TYPE: numeric

VALUE DOMAIN: 1:100000:0

VALUE HELP: Enter the number of days to search back in time for lab orders/results.

DESCRIPTION: The number of days backwards in time to search for lab orders/results. If not indicated, the default period of 2 days will be used. The maximum number of days is 100,000 or about 220 years for inpatients.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: LOCATION
PRECEDENCE: 3 ENTITY FILE: SERVICE
PRECEDENCE: 4 ENTITY FILE: DIVISION
PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 6 ENTITY FILE: PACKAGE

ORQQLR DATE RANGE OUTPT

DISPLAY TEXT: Outpatient Lab Number of Days to Display

VALUE TERM: Outpatient Lab Number of Days to Display

VALUE DATA TYPE: numeric

VALUE DOMAIN: 1:100000:0

VALUE HELP: Enter the number of days to search back in time for lab orders/results.

DESCRIPTION: The number of days backwards in time to search for lab orders/results. If not indicated, the default period of 30 days will be used. The maximum number of days is 100,000 or about 220 years for outpatients.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: SERVICE
PRECEDENCE: 3 ENTITY FILE: DIVISION
PRECEDENCE: 4 ENTITY FILE: SYSTEM
PRECEDENCE: 5 ENTITY FILE: PACKAGE

ORQQPX SEARCH ITEMS

DISPLAY TEXT: Clinical Reminders for Search

MULTIPLE VALUED: Yes

INSTANCE TERM: Display Sequence

VALUE TERM: Clinical Reminder

VALUE DATA TYPE: pointer

VALUE DOMAIN: 811.9

VALUE HELP: Enter the Clinical Reminder(s) you wish to review with each patient.

VALUE SCREEN CODE:

I $$ACT^ORQQPXRM(Y)

INSTANCE DATA TYPE: numeric

INSTANCE HELP: Enter a sequential number for identifying the reminder.

DESCRIPTION: Returns an array of clinical reminders for a patient which can then be used for searches and displays similar to the way they are used in Health Summary.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: LOCATION
PRECEDENCE: 3 ENTITY FILE: SERVICE
PRECEDENCE: 4 ENTITY FILE: DIVISION
PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 6 ENTITY FILE: PACKAGE

ORQQRA SEARCH RANGE

DISPLAY TEXT: Radiology Exam Date Range

VALUE TERM: Radiology Exam Number of Display Days

VALUE DATA TYPE: numeric

VALUE DOMAIN: 1:100000:0

VALUE HELP: Enter the number of days to search back in time for radiology exams.

DESCRIPTION: The number of days backwards in time to search for radiology/nuclear medicine exams/reports. If not indicated, the default period of 730 days (2 years) will be used. The maximum number of days is 100,000 or about 220 years.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: LOCATION
PRECEDENCE: 3 ENTITY FILE: SERVICE
PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 4 ENTITY FILE: DIVISION
PRECEDENCE: 6 ENTITY FILE: PACKAGE

ORQQVI CVP UNITS

DISPLAY TEXT: CVP Unit Entry

MULTIPLE VALUED: No

VALUE TERM: ENTER CVP IN cmH2O or mmHg

VALUE DATA TYPE: set of codes

VALUE DOMAIN: 0:cmH2O;1:mmHg

VALUE HELP: Enter CVP in cmH2O or mmHg units?

DESCRIPTION: This parameter is used to determine how the CVP vital sign is entered in the CPRS GUI. When set to 0 (default), CVP is entered as cmH2O, when set to 1, CVP is entered as mmHg.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 3 ENTITY FILE: SERVICE
PRECEDENCE: 4 ENTITY FILE: DIVISION
PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 6 ENTITY FILE: PACKAGE

ORQQVI DEFAULT VITALS LIST

DISPLAY TEXT: Default Vitals for CPRS GUI Entry

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence

VALUE TERM: Vital Type;Optional Qualifiers

VALUE DATA TYPE: free text

VALUE VALIDATION CODE: K:$$BADVALUE^ORQQVI3(X) X

INSTANCE DATA TYPE: numeric

INSTANCE DOMAIN: 1:999

INSTANCE HELP: Enter a Sequence number between 1 and 999

DESCRIPTION: This parameter is used to define the default list of vitals to enter in the CPRS GUI. This can be defined by USER, LOCATION, SERVICE, DIVISION or SYSTEM.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: LOCATION
PRECEDENCE: 3 ENTITY FILE: SERVICE
PRECEDENCE: 4 ENTITY FILE: DIVISION
PRECEDENCE: 5 ENTITY FILE: SYSTEM

ORQQVI METRIC VITAL ENTRY

DISPLAY TEXT: Metric Vital Entry

MULTIPLE VALUED: No

VALUE TERM: ENTER VITALS IN METRIC UNITS

VALUE DATA TYPE: set of codes

VALUE DOMAIN: 0:NO;1:YES

VALUE HELP: Do you wish to enter vital signs using metric units?

DESCRIPTION: This parameter is used to determine how vital signs are entered in the CPRS GUI. When set to true, vitals are entered in metric units.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 3 ENTITY FILE: SERVICE
PRECEDENCE: 4 ENTITY FILE: DIVISION
PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 6 ENTITY FILE: PACKAGE

ORQQVS SEARCH RANGE START

NOTE: This parameter is no longer used in CPRS. The parameter ORQQEAPT ENC APPT START now controls how many days in the past CPRS searches to display visits on the Encounter form.

DISPLAY TEXT: Visit Search Start Date

MULTIPLE VALUED: No

VALUE TERM: Visit Search Start Date

VALUE DATA TYPE: free text

VALUE HELP: Enter relative start date to list visits. (e.g. T-120)

DESCRIPTION: Returns the relative date to start listing visits for a patient. For example, ‘T-90’ will list visits beginning 90 days before today.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: SERVICE
PRECEDENCE: 3 ENTITY FILE: DIVISION
PRECEDENCE: 4 ENTITY FILE: SYSTEM
PRECEDENCE: 5 ENTITY FILE: PACKAGE

ORQQVS SEARCH RANGE STOP

NOTE: This parameter is no longer used in CPRS. The parameter ORQQEAPT ENC APPT STOP now controls how many days in the future CPRS searches to display visits on the Encounter form.

DISPLAY TEXT: Visit Search Stop Date

MULTIPLE VALUED: No

VALUE TERM: Visit Search Stop Date

VALUE DATA TYPE: free text

VALUE HELP: Enter the relative stop date to list visits. (e.g., T, T+30)

DESCRIPTION: Returns the relative date to end listing visits for a patient. For example, 'T' will not list visits later than today. 'T+30 will not list visits after 30 days from now.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: SERVICE
PRECEDENCE: 3 ENTITY FILE: DIVISION
PRECEDENCE: 4 ENTITY FILE: SYSTEM
PRECEDENCE: 5 ENTITY FILE: PACKAGE

ORWCH BOUNDS

DISPLAY TEXT: Form or Control Boundaries

MULTIPLE VALUED: Yes

INSTANCE TERM: Form Name

VALUE TERM: Bounds (L,T,W,H)

VALUE DATA TYPE: free text

VALUE HELP: Enter in pixels the Left, Top, Width, & Height properties for this form.

VALUE VALIDATION CODE: I (X'?1.5N1","1.5N1","1.5N1","1.5N)&(X'="M") K X

INSTANCE DATA TYPE: free text INSTANCE DOMAIN: 1:60

INSTANCE HELP: Enter the form name or form.control name (frmMain or frmMain.lstMyData).

DESCRIPTION: This parameter records bounds (position & size) information for the forms and controls in CPRSChart (Patient Chart GUI). The individual properties are comma delimited (left,top,width,height).

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 5 ENTITY FILE: PACKAGE

ORWCH COLUMNS

DISPLAY TEXT: Column Widths

MULTIPLE VALUED: Yes

INSTANCE TERM: Name (Form.Control)

VALUE TERM: Column Widths

VALUE DATA TYPE: free text

VALUE HELP: Enter the widths of the columns in the control (separated by commas).

INSTANCE DATA TYPE: free text

INSTANCE HELP: Enter the form and control name (for example, frmMain.lstMyData).

DESCRIPTION: This records the widths of each column in a grid type control. The column widths are entered from left to right and delimited by commas. For example, “50,260,25,78,129”.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 5 ENTITY FILE: PACKAGE

ORWCH COLUMNS REPORTS

DISPLAY TEXT: Report Column Widths

MULTIPLE VALUED: Yes

INSTANCE TERM: Report

VALUE TERM: Column Widths

VALUE DATA TYPE: free text

VALUE HELP: Enter the widths of the columns in the control (separate by commas).

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 101.24

DESCRIPTION: This records the widths of each column on Reports Tab grids. The column widths are entered from left to right and delimited by commas. For example, "50,260,25,78,129".

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 5 ENTITY FILE: PACKAGE

ORWCH FONT SIZE

DISPLAY TEXT: Font Size for Chart

VALUE TERM: Font Size

VALUE DATA TYPE: numeric

VALUE HELP: Enter the preferred font size (in points).

DESCRIPTION: This saves the preferred font size for CPRS Chart.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 7 ENTITY FILE: DIVISION
PRECEDENCE: 8 ENTITY FILE: SYSTEM

ORWCH WIDTH

DISPLAY TEXT: Control Width

MULTIPLE VALUED: Yes

INSTANCE TERM: Name (Form.Control)

VALUE TERM: Width

VALUE DATA TYPE: numeric

VALUE HELP: Enter the width property for the control.

INSTANCE DATA TYPE: free text

INSTANCE HELP: Enter the form and control names (example: frmMain.lstMyData).

DESCRIPTION: This records the width property for a control in CPRSChart (Patient Chart GUI). In particular, it is used for recording the positions of splitter bars.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 5 ENTITY FILE: PACKAGE

ORWCOM ORDER ACCEPTED

DISPLAY TEXT: COM Object on Order Acceptance

MULTIPLE VALUED: Yes

INSTANCE TERM: Order Display Group

VALUE TERM: COM Object

VALUE DATA TYPE: Pointer

VALUE DOMAIN: 101.15

VALUE HELP: COM Object to activate on order acceptance

INSTANCE DATA TYPE: Pointer

INSTANCE DOMAIN: 100.98

INSTANCE HELP: Order Display Group

DESCRIPTION: COM Objects to activate on order acceptance

PRECEDENCE: 6	ENTITY FILE: SYSTEM
PRECEDENCE: 5	ENTITY FILE: DIVISION
PRECEDENCE: 3	ENTITY FILE: SERVICE
PRECEDENCE: 1	ENTITY FILE: USER

ORWCOM PATIENT SELECTED

DISPLAY TEXT: COM Object on Patient Selection

MULTIPLE VALUED: No

VALUE TERM: COM Object

VALUE DATA TYPE: Pointer

VALUE DOMAIN: 101.15

PRECEDENCE: 6	ENTITY FILE: SYSTEM
PRECEDENCE: 5	ENTITY FILE: DIVISION
PRECEDENCE: 3	ENTITY FILE: SERVICE
PRECEDENCE: 1	ENTITY FILE: SERVICE

ORWD NONVA REASON

DISPLAY TEXT: Non-VA Meds Statement/Reason

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence

VALUE TERM: Statement/Reason

VALUE DATA TYPE: free text

VALUE DOMAIN: 1:60

VALUE HELP: Enter a reason or statement for ordering non-VA meds (60 chars max)

INSTANCE DATA TYPE: numeric

INSTANCE HELP: Enter a numeric sequence number for the statement/reason.

DESCRIPTION: This parameter lists the reasons and statements for ordering/documenting a non-VA medication. Non-VA meds include herbals, OTCs (over-the-counter medications) and prescriptions not obtained at VA pharmacies or from VA mail delivery services.

PRECEDENCE: 1 ENTITY FILE: DIVISION
PRECEDENCE: 2 ENTITY FILE: SYSTEM
PRECEDENCE: 3 ENTITY FILE: PACKAGE

ORWDP DEFAULT PRINTER

DISPLAY TEXT: Default printer for CPRS GUI

MULTIPLE VALUED: No INSTANCE TERM: DEVICE

VALUE TERM: DEFAULT PRINTER PROHIBIT EDITING: No

VALUE DATA TYPE: pointer

VALUE DOMAIN: 3.5

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 4 ENTITY FILE: LOCATION

ORWDP WINPRINT DEFAULT

DISPLAY TEXT: Use Windows printer as default?

VALUE DATA TYPE: yes/no

VALUE HELP: Set to YES to use Windows printer as default.

DESCRIPTION: If set to YES, CPRS GUI will display Windows standard printer selection dialog instead of the VistA printer selection dialog. If set to NO, the standard VistA printer selection dialog will be displayed, still allowing selection of a Windows printer, but requiring an additional prompt.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 3 ENTITY FILE: SYSTEM
PRECEDENCE: 4 ENTITY FILE: PACKAGE
PRECEDENCE: 2 ENTITY FILE: LOCATION

ORWDPS ROUTING DEFAULT

DISPLAY TEXT: Medication Routing Default (GUI)

MULTIPLE VALUED: No

VALUE TERM: Routing Default Value

VALUE DATA TYPE: set of codes

VALUE DOMAIN: W:at Window;M:by Mail;C:in Clinic;N:no default

VALUE HELP: This value will be the default entry for 'Pick up' in the Output Meds GUI dialog.

DESCRIPTION: This will be the default value for Pickup in the Outpatient Medications GUI ordering dialog.

PRECEDENCE: 5 ENTITY FILE: SYSTEM

ORWDQ ANI

DISPLAY TEXT: Common Angio/Neuro Orders

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence

VALUE TERM: Quick Order

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.41

VALUE HELP: Select an Angio/Neuro quick order.

VALUE SCREEN CODE:

I $P(^(0),U,4)="Q",($P(^(0),U,5)=$O(^ORD(100.98,"B","ANI",0)))

INSTANCE DATA TYPE: numeric

INSTANCE HELP: Enter the sequence for this procedure.

DESCRIPTION: Contains the list of Angio/Neuro quick orders for display at the top of the procedures list box in the GUI ordering dialog.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 3 ENTITY FILE: LOCATION
PRECEDENCE: 8 ENTITY FILE: SYSTEM
PRECEDENCE: 6 ENTITY FILE: DIVISION

ORWDQ CARD

DISPLAY TEXT: Common Cardiology (Nuc Med) Orders

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence

VALUE TERM: Quick Order

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.41

VALUE HELP: Select a Cardiology (Nuc Med) quick order.

VALUE SCREEN CODE

I $P(^(0),U,4)=”Q”,($P(^(0),U,5)=$O(^ORD(100.98,”B”,”CARD”,0)))

INSTANCE DATA TYPE: numeric

INSTANCE HELP: Enter the sequence for this procedure.

DESCRIPTION: Contains the list of Cardiology (Nuc Med) quick orders for display at the top of the procedures list box in the GUI ordering dialog.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 3 ENTITY FILE: LOCATION
PRECEDENCE: 8 ENTITY FILE: SYSTEM
PRECEDENCE: 6 ENTITY FILE: DIVISION

ORWDQ CSLT

DISPLAY TEXT: Common Consult Orders

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence

VALUE TERM: Quick Order

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.41

VALUE HELP: Select a consult quick order.

VALUE SCREEN CODE:

I $P(^(0),U,4)=”Q”,($P(^(0),U,5)=$O(^ORD(100.98,”B”,”CSLT”,0)))

INSTANCE DATA TYPE: numeric

INSTANCE HELP: Enter the sequence for this consult order.

DESCRIPTION: Contains the list of common consult orders for display at the top of the Consult Service list box in the GUI ordering dialog.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 3 ENTITY FILE: LOCATION
PRECEDENCE: 8 ENTITY FILE: SYSTEM
PRECEDENCE: 6 ENTITY FILE: DIVISION

ORWDQ CT

DISPLAY TEXT: Common CT Scan Orders

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence

VALUE TERM: Quick Order

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.41

VALUE HELP: Select a CT Scan quick order.

VALUE SCREEN CODE:

I $P(^(0),U,4)=”Q”,($P(^(0),U,5)=$O(^ORD(100.98,”B”,”CT”,0)))

INSTANCE DATA TYPE: numeric

INSTANCE HELP: Enter the sequence for this procedure.

DESCRIPTION: Contains the list of CT Scan quick orders for display at the top of the procedures list box in the GUI ordering dialog.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 3 ENTITY FILE: LOCATION
PRECEDENCE: 8 ENTITY FILE: SYSTEM
PRECEDENCE: 6 ENTITY FILE: DIVISION

ORWDQ DISPLAY NAME

DISPLAY TEXT: Quick Order Display Name

MULTIPLE VALUED: Yes

INSTANCE TERM: Quick Order

VALUE TERM: Display Name

VALUE DATA TYPE: free text

VALUE DOMAIN: 1:80

VALUE HELP: Enter the display name to be used for this quick order.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 101.41

INSTANCE HELP: Select a quick order from the ORDER DIALOG file.

DESCRIPTION: This parameter allows a user to create their own aliases for quick orders.

PRECEDENCE: 5 ENTITY FILE: USER

ORWDQ DO

DISPLAY TEXT: Common Diet Orders

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence

VALUE TERM: Quick Order

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.41

VALUE HELP: Select an diet quick order.

VALUE SCREEN CODE:

I $P(^(0),U,4)=”Q”,($P(^(0),U,5)=$O(^ORD(100.98,”B”,”DO”,0)))

INSTANCE DATA TYPE: numeric

INSTANCE HELP: Enter the sequence for this lab order.

DESCRIPTION: Contains the list of common diet orders for display at the top of the Diet Components list box in the GUI ordering dialog.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 3 ENTITY FILE: LOCATION
PRECEDENCE: 8 ENTITY FILE: SYSTEM
PRECEDENCE: 6 ENTITY FILE: DIVISION
PRECEDENCE: 15 ENTITY FILE: PACKAGE

ORWDQ IV RX

DISPLAY TEXT: Common IV Fluid Orders

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence

VALUE TERM: Quick Order

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.41

VALUE HELP: Select an IV Fluid quick order.

VALUE SCREEN CODE:

I $P(^(0),U,4)=”Q”,($P(^(0),U,5)=$O(^ORD(100.98,”B”,”IV RX”,0)))

INSTANCE DATA TYPE: numeric

INSTANCE HELP: Enter the sequence for this IV Fluid quick order.

DESCRIPTION: Contains the list of common IV Fluid orders for display at the top of the IV Fluids list box in the GUI ordering dialog.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 3 ENTITY FILE: LOCATION
PRECEDENCE: 8 ENTITY FILE: SYSTEM
PRECEDENCE: 6 ENTITY FILE: DIVISION

ORWDQ LAB

DISPLAY TEXT: Common Lab Orders

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence

VALUE TERM: Quick Order

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.41

VALUE HELP: Select an laboratory quick order.

VALUE SCREEN CODE:

I $P(^(0),U,4)=”Q”,($P(^(0),U,5)=$O(^ORD(100.98,”B”,”LAB”,0)))

INSTANCE DATA TYPE: numeric

INSTANCE HELP: Enter the sequence for this lab order.

DESCRIPTION: Contains the list of common lab orders for display at the top of the Lab Tests list box in the GUI ordering dialog.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 3 ENTITY FILE: LOCATION
PRECEDENCE: 8 ENTITY FILE: SYSTEM
PRECEDENCE: 6 ENTITY FILE: DIVISION

ORWDQ MAM

DISPLAY TEXT: Common Mammography Orders

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence

VALUE TERM: Quick Order

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.41

VALUE HELP: Select a Mammography quick order.

VALUE SCREEN CODE:

I $P(^(0),U,4)=”Q”,($P(^(0),U,5)=$O(^ORD(100.98,”B”,”MAM”,0)))

INSTANCE DATA TYPE: numeric

INSTANCE HELP: Enter the sequence for this procedure.

DESCRIPTION: Contains the list of Mammography quick orders for display at the top of the procedures list box in the GUI ordering dialog.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 3 ENTITY FILE: LOCATION
PRECEDENCE: 8 ENTITY FILE: SYSTEM
PRECEDENCE: 6 ENTITY FILE: DIVISION

ORWDQ MRI

DISPLAY TEXT: Common MRI Orders

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence

VALUE TERM: Quick Order

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.41

VALUE HELP: Select a MRI quick order.

VALUE SCREEN CODE:

I $P(^(0),U,4)=”Q”,($P(^(0),U,5)=$O(^ORD(100.98,”B”,”MRI”,0)))

INSTANCE DATA TYPE: numeric

INSTANCE HELP: Enter the sequence for this procedure.

DESCRIPTION: Contains the list of MRI quick orders for display at the top of the procedures list box in the GUI ordering dialog.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 3 ENTITY FILE: LOCATION
PRECEDENCE: 8 ENTITY FILE: SYSTEM
PRECEDENCE: 6 ENTITY FILE: DIVISION

ORWDQ NM

DISPLAY TEXT: Common Nuclear Med Orders

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence

VALUE TERM: Quick Order

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.41

VALUE HELP: Select a Nuclear Med quick order.

VALUE SCREEN CODE:

I $P(^(0),U,4)=”Q”,($P(^(0),U,5)=$O(^ORD(100.98,”B”,”NM”,0)))

INSTANCE DATA TYPE: numeric

INSTANCE HELP: Enter the sequence for this procedure.

DESCRIPTION: Contains the list of Nuclear Med quick orders for display at the top of the procedures list box in the GUI ordering dialog.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 3 ENTITY FILE: LOCATION
PRECEDENCE: 8 ENTITY FILE: SYSTEM
PRECEDENCE: 6 ENTITY FILE: DIVISION

ORWDQ O RX

DISPLAY TEXT: Common Med Orders (Outpatient)

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence

VALUE TERM: Quick Order

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.41

VALUE HELP: Select an outpatient medication quick order.

VALUE SCREEN CODE:

I $P(^(0),U,4)=”Q”,($P(^(0),U,5)=$O(^ORD(100.98,”B”,”O RX”,0)))

INSTANCE DATA TYPE: numeric

INSTANCE HELP: Enter the sequence for this medication.

DESCRIPTION: Contains the list of common outpatient meds for display at the top of the Meds list box in the GUI ordering dialog.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 3 ENTITY FILE: LOCATION
PRECEDENCE: 8 ENTITY FILE: SYSTEM
PRECEDENCE: 6 ENTITY FILE: DIVISION

ORWDQ PROC

DISPLAY TEXT: Common Procedure Orders

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence

VALUE TERM: Quick Order

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.41

VALUE HELP: Select an procedure quick order.

VALUE SCREEN CODE:

I $P(^(0),U,4)=”Q”,($P(^(0),U,5)=$O(^ORD(100.98,”B”,”PROC”,0)))

INSTANCE DATA TYPE: numeric

INSTANCE HELP: Enter the sequence for this lab order.

DESCRIPTION: Contains the list of common procedure orders for display at the top of the Procedures list box in the GUI ordering dialog.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 3 ENTITY FILE: LOCATION
PRECEDENCE: 8 ENTITY FILE: SYSTEM
PRECEDENCE: 6 ENTITY FILE: DIVISION

ORWDQ RAD

DISPLAY TEXT: Common Radiology Orders

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence

VALUE TERM: Quick Order

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.41

VALUE HELP: Select a General Radiology quick order.

VALUE SCREEN CODE:

I $P(^(0),U,4)=”Q”,($P(^(0),U,5)=$O(^ORD(100.98,”B”,”RAD”,0)))

INSTANCE DATA TYPE: numeric

INSTANCE HELP: Enter the sequence for this radiology order.

DESCRIPTION: Contains the list of common radiology orders for display at the top of the procedures list box in the GUI ordering dialog.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 3 ENTITY FILE: LOCATION
PRECEDENCE: 8 ENTITY FILE: SYSTEM
PRECEDENCE: 6 ENTITY FILE: DIVISION

ORWDQ TF

DISPLAY TEXT: Common Tubefeeding Orders

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence

VALUE TERM: Quick Order

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.41

VALUE HELP: Select a tubefeeding quick order.

VALUE SCREEN CODE:

I $P(^(0),U,4)=”Q”,($P(^(0),U,5)=$O(^ORD(100.98,”B”,”TF”,0)))

INSTANCE DATA TYPE: numeric

INSTANCE HELP: Enter the sequence for this tubefeeding order.

DESCRIPTION: Contains the list of common tubefeeding diet orders for display at the top of the Tubefeeding Products list box in the GUI ordering dialog.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 3 ENTITY FILE: LOCATION
PRECEDENCE: 8 ENTITY FILE: SYSTEM
PRECEDENCE: 6 ENTITY FILE: DIVISION
PRECEDENCE: 15 ENTITY FILE: PACKAGE

ORWDQ UD RX

DISPLAY TEXT: Common Med Orders (Inpatient)

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence

VALUE TERM: Quick Order

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.41

VALUE HELP: Select an inpatient medication quick order.

VALUE SCREEN CODE:

I $P(^(0),U,4)=”Q”,($P(^(0),U,5)=$O(^ORD(100.98,”B”,”UD RX”,0)))

INSTANCE DATA TYPE: numeric

INSTANCE HELP: Enter the sequence for this medication.

DESCRIPTION: Contains the list of common inpatient meds for display at the top of the Meds list box in the GUI ordering dialog.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 3 ENTITY FILE: LOCATION
PRECEDENCE: 8 ENTITY FILE: SYSTEM
PRECEDENCE: 6 ENTITY FILE: DIVISION

ORWDQ US

DISPLAY TEXT: Common Ultrasound Orders

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence

VALUE TERM: Quick Order

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.41

VALUE HELP: Select an Ultrasound quick order.

VALUE SCREEN CODE:

I $P(^(0),U,4)=”Q”,($P(^(0),U,5)=$O(^ORD(100.98,”B”,”US”,0)))

INSTANCE DATA TYPE: numeric

INSTANCE HELP: Enter the sequence for this procedure.

DESCRIPTION: Contains the list of Ultrasound quick orders for display at the top of the procedures list box in the GUI ordering dialog.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 3 ENTITY FILE: LOCATION
PRECEDENCE: 8 ENTITY FILE: SYSTEM
PRECEDENCE: 6 ENTITY FILE: DIVISION

ORWDQ VAS

DISPLAY TEXT: Common Vascular Lab Orders

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence

VALUE TERM: Quick Order

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.41

VALUE HELP: Select a Vascular Lab quick order.

VALUE SCREEN CODE:

I $P(^(0),U,4)=”Q”,($P(^(0),U,5)=$O(^ORD(100.98,”B”,”VAS”,0)))

INSTANCE DATA TYPE: numeric

INSTANCE HELP: Enter the sequence for this procedure.

DESCRIPTION: Contains the list of Vascular Lab quick orders for display at the top of the procedures list box in the GUI ordering dialog.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 3 ENTITY FILE: LOCATION
PRECEDENCE: 8 ENTITY FILE: SYSTEM
PRECEDENCE: 6 ENTITY FILE: DIVISION

ORWDQ XRAY

DISPLAY TEXT: Common Imaging Orders

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence

VALUE TERM: Quick Order

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.41

VALUE HELP: Select an imaging quick order.

VALUE SCREEN CODE:

I $P(^(0),U,4)=”Q”,($P(^(0),U,5)=$O(^ORD(100.98,”B”,”XRAY”,0)))

INSTANCE DATA TYPE: numeric

INSTANCE HELP: Enter the sequence for this imaging order.

DESCRIPTION: Contains the list of common imaging orders for display at the top of the procedures list box in the GUI ordering dialog.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 3 ENTITY FILE: LOCATION
PRECEDENCE: 8 ENTITY FILE: SYSTEM
PRECEDENCE: 6 ENTITY FILE: DIVISION

ORWDX NEW CONSULT

DISPLAY TEXT: New consult dialog default

VALUE TERM: Order Dialog

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.41

VALUE HELP: Enter the entry from the dialog file that should be used for new consults

VALUE SCREEN CODE:

I ($P(^(0),U,4)=”D”&+$P($G(^(5)),U,5))!($P(^(0),U,4)=”M”)

DESCRIPTION: This parameter is used to define the default menu, dialog, or quick order that should appear when the user selects New Consult from the consults tab.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 3 ENTITY FILE: SYSTEM
PRECEDENCE: 4 ENTITY FILE: PACKAGE
PRECEDENCE: 2 ENTITY FILE: LOCATION

ORWDX NEW MED

DISPLAY TEXT: New Med Dialog

MULTIPLE VALUED: Yes

INSTANCE TERM: Patient Status

VALUE TERM: Order Dialog

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.41

VALUE HELP: Enter the entry from the dialog file that should be used for a new med order.

VALUE SCREEN CODE:I ($P(^(0),U,4)=”D”&+$P($G(^(5)),U,5))!($P(^(0),U,4)=”M”)

INSTANCE DATA TYPE: set of codes

INSTANCE DOMAIN: i:Inpatient;o:Outpatient

INSTANCE HELP: Enter the status of patient to which this dialog should apply.

DESCRIPTION: This parameter is used to present the order dialog for a New Medication on the Meds tab of the CPRS GUI. A separate order dialog can be used for inpatients and outpatients.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 3 ENTITY FILE: SYSTEM
PRECEDENCE: 4 ENTITY FILE: PACKAGE

ORWDX NEW PROCEDURE

DISPLAY TEXT: New procedure dialog default

VALUE TERM: Order Dialog

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.41

VALUE HELP: Enter the entry from the dialog file that should be used for new procedures

VALUE SCREEN CODE:I ($P(^(0),U,4)=”D”&+$P($G(^(5)),U,5))!($P(^(0),U,4)=”M”)DESCRIPTION: This parameter is used to define the default menu, dialog, or quick orderthat should appear when the user selects New Procedure from the consults tab.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 3 ENTITY FILE: SYSTEM
PRECEDENCE: 4 ENTITY FILE: PACKAGE
PRECEDENCE: 2 ENTITY FILE: LOCATION

ORWDX WRITE ORDERS EVENT LIST

DISPLAY TEXT: Menu for Write Orders List by Event

MULTIPLE VALUED: Yes

INSTANCE TERM: Delay Event

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.41

VALUE HELP: Enter an ORDER DIALOG menu for the Write Orders list box when delaying orders.

VALUE SCREEN CODE: I $P(^(0),U,4)="M"

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 100.5

INSTANCE HELP: Select a delay event for which you wish to override the Write Orders menu.

DESCRIPTION: This parameter is used to identify a menu in the ORDER DIALOG file that will be used as the list of items that may be selected in the Write Orders list box of the CPRS GUI when placing orders that are to be delayed until the selected EVENT occurs.

PRECEDENCE: 2 ENTITY FILE: USER
PRECEDENCE: 4 ENTITY FILE: LOCATION
PRECEDENCE: 5 ENTITY FILE: SERVICE
PRECEDENCE: 7 ENTITY FILE: DIVISION
PRECEDENCE: 8 ENTITY FILE: SYSTEM

ORWDX WRITE ORDERS LIST

DISPLAY TEXT: Menu for Write Orders List

MULTIPLE VALUED: No

VALUE TERM: Order Dialog

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.41

VALUE HELP: Enter an ORDER DIALOG menu that will be used for the Write Orders list box.

VALUE SCREEN CODE: I $P(^(0),U,4)=”M”

DESCRIPTION: This parameter is used to identify a menu in the ORDER DIALOG file that will be used as the list of items that may be selected in the Write Orders list box of the CPRS GUI.

PRECEDENCE: 2 ENTITY FILE: USER
PRECEDENCE: 7 ENTITY FILE: DIVISION
PRECEDENCE: 8 ENTITY FILE: SYSTEM
PRECEDENCE: 4 ENTITY FILE: LOCATION
PRECEDENCE: 5 ENTITY FILE: SERVICE

ORWDXM ORDER MENU STYLE

DISPLAY TEXT: Order Menu Style

VALUE TERM: Menu Style

VALUE DATA TYPE: set of codes

VALUE DOMAIN: 0:Mnemonics Included;1:No Mnemonics;2:Reserved1;3:Reserved2

VALUE HELP: Select the style of ordering menu to be used with the GUI.

DESCRIPTION: Determines whether GUI order menus include mnemonics.

PRECEDENCE: 4 ENTITY FILE: PACKAGE
PRECEDENCE: 2 ENTITY FILE: SYSTEM

ORWDXVB VBECS TNS CHECK

DISPLAY TEXT: Days to check for Type & Screen

VALUE TERM: # of Days

VALUE DATA TYPE: numeric

VALUE HELP: Enter the number of days to check for a Type & Screen Order

DESCRIPTION: This is used in the VBECS Order Dialog to check for recent orders for a Type & Screen order. The default is 3 days, but a site can override this number by setting this parameter to something different.

PRECEDENCE: 7 ENTITY FILE: DIVISION
PRECEDENCE: 8 ENTITY FILE: SYSTEM

ORWG GRAPH EXCLUDE DATA TYPE

DISPLAY TEXT: CPRS Graph Exclude Data Types

MULTIPLE VALUED: No

VALUE DATA TYPE: free text

DESCRIPTION: Used to exclude data types from being used by graphing. Value is semicolon delimited list of files to be excluded.

PRECEDENCE: 8 ENTITY FILE: SYSTEM
PRECEDENCE: 7 ENTITY FILE: DIVISION
PRECEDENCE: 9 ENTITY FILE: PACKAGE
PRECEDENCE: 3 ENTITY FILE: SERVICE
PRECEDENCE: 1 ENTITY FILE: USER

ORWG GRAPH PUBLIC EDITOR CLASS

DISPLAY TEXT: CPRS Graph Public Editor Classes

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence Number

VALUE TERM: User Class

VALUE DATA TYPE: pointer

VALUE DOMAIN: 8930

VALUE HELP: Enter the User Class for public editing of graphs.

INSTANCE DATA TYPE: numeric

INSTANCE HELP: Enter a sequential number for identifying the user class.

DESCRIPTION: This parameter contains a list of ASU user classes who's members are allowed to edit public views and settings for graphs. Users that belong to the user class for a specific entity have this authority.

For example:

Parameter	Instance	Value
SYS: VASITE.MED.VA.GOV	2	CLINICAL COORDINATOR

This provides Technical Users and Clinical Coordinators on this system with access to edit public views and settings on graphs.

PRECEDENCE: 5 ENTITY FILE: SYSTEM

ORWG GRAPH SETTING

DISPLAY TEXT: CPRS Graph Settings

MULTIPLE VALUED: No

VALUE DATA TYPE: free text

DESCRIPTION: Used as preference of graph default styles and sources. Deletion of this value at the Package level will disable graphing. User settings and public default should use the Graph Settings dialog to change these values. The structure of this parameter is a | delimited | string where the pieces are:

1 - file listing delimited by ;

2 - options where the corresponding letter activates that feature

3 - sort column number (used internally)

4 - max graphs

5 - min graph height

6 - (not used)

7 - max selection

8 - max selection limit (may be set to at system level to limit number of items that users may select for graphing—default is 1000)

Files:

Admissions - 405, Allergies - 120.8, Anatomic Pathology - 63AP, Blood Bank - 63BB, Exams - 9000010.13, Health Factors - 9000010.23, Immunizations - 9000010.11, Lab Tests - 63, Medication, BCMA - 53.79, Medication, Inpatient - 55, Medication, Non-VA - 55NVA, Medication, Outpatient - 52, Medicine - 690, Mental Health - 601.2, Microbiology - 63MI, Notes - 8925, Orders - 100, Patient Education - 9000010.16, Problems - 9000011, Procedures - 9000010.18, Purpose of Visit - 9000010.07, Radiology Exams - 70, Registration, DX - 45DX, Registration, OP/Proc - 45OP, Skin Tests - 9000010.12, Surgery - 130, Visits - 9000010, Vitals - 120.5

Also (for grouping):

Drug Class - 50.605, Reminder Taxonomy - 811.2

Options:

A - 3D, B - Clear Background, C - Dates, D - Gradient, E - Hints, F - Legend, G - Lines, H - Sort by Type, I - Stay on Top, J - Values, K - Zoom, Horizontal, L - Zoom, Vertical , M - Fixed Date Range

PRECEDENCE: 1	ENTITY FILE: USER
PRECEDENCE: 9	ENTITY FILE: PACKAGE
PRECEDENCE: 8	ENTITY FILE: SYSTEM

ORWG GRAPH SIZING

DISPLAY TEXT: CPRS Graph Position and Sizes

MULTIPLE VALUED: Yes

INSTANCE TERM: Setting

VALUE TERM: Settings

VALUE DATA TYPE: free text

INSTANCE DATA TYPE: free text

INSTANCE DOMAIN: 2:30

DESCRIPTION: This parameter is used internally to save positions of graph forms.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 5 ENTITY FILE: PACKAGE

ORWG GRAPH VIEW

DISPLAY TEXT: CPRS Graph Views

MULTIPLE VALUED: Yes

INSTANCE TERM: VIEWS

VALUE TERM: View

VALUE DATA TYPE: word processing

INSTANCE DATA TYPE: free text

INSTANCE DOMAIN: 3:30

INSTANCE HELP: The view name must be 3-30 characters

DESCRIPTION: This parameter is used internally to store graph views. Graph views are edited using the Define Views dialog.

PRECEDENCE: 1 ENTITY FILE: USER

PRECEDENCE: 8 ENTITY FILE: SYSTEM

ORWIM NSS MESSAGE

DISPLAY TEXT: Message for Non-Standard Schedule

MULTIPLE VALUED: No

VALUE DATA TYPE: free text

DESCRIPTION:

This parameter enables sites to define what message displays in the top warning box on the Order with Schedule “OTHER” dialog for inpatient medications. Through this dialog, providers can enter customized day-of-week or administration-time schedules for administering medications, but the message should inform providers how orders with customized schedules will be handled, such as the possibility of a delay or an action that the provider should take, such as calling the pharmacy to arrange a valid schedule.

PRECEDENCE: 2	ENTITY FILE: DIVISION
PRECEDENCE: 1	ENTITY FILE: SERVICE
PRECEDENCE: 3	ENTITY FILE: SYSTEM

ORWLR LC CHANGED TO WC

DISPLAY TEXT: MESSAGE FOR LC CHANGED TO WC

MULTIPLE VALUED: No

VALUE DATA TYPE: free text

VALUE HELP: Enter up to 80 characters of instructions to the user.

VALUE VALIDATION CODE: K:($L(X)>80) X

INSTANCE DATA TYPE: free text

DESCRIPTION: When the system automatically changes lab collect orders to ward collect, provides instructions to the user regarding specimen collection for those changed orders.

PRECEDENCE: 5	ENTITY FILE: LOCATION
PRECEDENCE: 10	ENTITY FILE: SERVICE
PRECEDENCE: 15	ENTITY FILE: DIVISION
PRECEDENCE: 20	ENTITY FILE: SYSTEM
PRECEDENCE: 25	ENTITY FILE: PACKAGE

ORWOR AUTO CLOSE PT MSG

DISPLAY TEXT: Auto-Close Patient Messages

VALUE TERM: Close Message Window in (Seconds):

VALUE DATA TYPE: numeric

VALUE DOMAIN: 0:99

VALUE HELP: Enter the number of seconds that the patient message display should remain open.

DESCRIPTION: This parameter controls how long the patient messages window displays before automatically closing. The default is 5. If the number of seconds is set to 0, the window will remain open until the user clicks it closed.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 10 ENTITY FILE: PACKAGE

ORWOR AUTOSAVE NOTE

DISPLAY TEXT: Interval for Autosave of Notes

MULTIPLE VALUED: No

VALUE TERM: Auto-Save Interval

VALUE DATA TYPE: numeric

VALUE DOMAIN: 0:9999

VALUE HELP: Enter the interval (in seconds) that notes should be auto-saved.

DESCRIPTION: This parameter determines how many seconds should elapse between each auto-save of a note that is being edited in the GUI.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 10 ENTITY FILE: PACKAGE

ORWOR BROADCAST MESSAGES

DISPLAY TEXT: Broadcast Window Messages to Other Apps

VALUE TERM: Enable Broadcasting Windows Messages

VALUE DATA TYPE: yes/no

VALUE HELP: Enter ‘yes’ to allow CPRS to notify other applications via windows messages.

DESCRIPTION: This parameter may be used to disable the use of windows messaging to notify other applications of CPRS events. Normally, this parameter should be set to ‘Yes’. If other applications do not respond appropriately to broadcast messages, this parameter may be set to ‘No’ to debug these applications.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 10 ENTITY FILE: PACKAGE

ORWOR CATEGORY SEQUENCE

DISPLAY TEXT: Orders Category Sequence

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence

VALUE TERM: Display Group

VALUE DATA TYPE: pointer

VALUE DOMAIN: 100.98

VALUE HELP: Enter the display group of orders to be listed at this sequence.

INSTANCE DATA TYPE: numeric

INSTANCE DOMAIN: 1:999

INSTANCE HELP: Enter a number representing the sequence for this display group.

DESCRIPTION: Multiple instances of this parameter combine to form a list of the display groups shown in the order review screen. Orders are displayed by the sequence identified in this list.

PRECEDENCE: 10 ENTITY FILE: PACKAGE

PRECEDENCE: 8 ENTITY FILE: SYSTEM

ORWOR COVER RETRIEVAL

DISPLAY TEXT: Cover Sheet Retrieval Mode

MULTIPLE VALUED: Yes

INSTANCE TERM: Section

VALUE TERM: Background Retrieval

VALUE DATA TYPE: yes/no

VALUE HELP: Enter 'Yes' if this cover sheet section should be loaded in the background.

INSTANCE DATA TYPE: set of codes

INSTANCE DOMAIN: p:Problem List;c:CWAD (Postings);m:Medications;r:Reminders;l:Lab Results;v:Vitals;e:Encounters

INSTANCE HELP: Select a cover sheet section.

DESCRIPTION: This parameter controls whether each cover sheet section is loaded in the foreground or background.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

PRECEDENCE: 2 ENTITY FILE: PACKAGE

ORWOR DISABLE HOLD ORDERS

DISPLAY TEXT: Disable Hold/Unhold Actions in GUI

VALUE TERM: Disable Hold

VALUE DATA TYPE: yes/no

VALUE HELP: Enter yes if using the Hold/Unhold actions should be disallowed in GUI.

DESCRIPTION: This parameter will prevent orders from being placed on hold.

PRECEDENCE: 5 ENTITY FILE: SYSTEM

PRECEDENCE: 9 ENTITY FILE: PACKAGE

ORWOR DISABLE ORDERING

DISPLAY TEXT: Disable Ordering in GUI

VALUE TERM: Disable Ordering

VALUE DATA TYPE: yes/no

VALUE HELP: Enter 'Yes' if you wish to disable ordering and order action in the GUI.

DESCRIPTION: This parameter disables writing orders and taking actions on orders in the GUI.

PRECEDENCE: 10 ENTITY FILE: PACKAGE

PRECEDENCE: 5 ENTITY FILE: SYSTEM

PRECEDENCE: 2 ENTITY FILE: USER

ORWOR DISABLE WEB ACCESS

DISPLAY TEXT: Disable web links in GUI

VALUE TERM: Disable Web Links

VALUE DATA TYPE: yes/no

VALUE HELP: Enter yes to disable web links

DESCRIPTION: When this parameter is set to yes, web links in the CPRS GUI will be disabled or hidden.

PRECEDENCE: 2 ENTITY FILE: USER

PRECEDENCE: 5 ENTITY FILE: DIVISION

PRECEDENCE: 7 ENTITY FILE: SYSTEM

PRECEDENCE: 10 ENTITY FILE: PACKAGE

ORWOR ENABLE VERIFY

DISPLAY TEXT: Enable/Disable Order Verify Actions

VALUE TERM: Verify Action Status

VALUE DATA TYPE: set of codes

VALUE DOMAIN: 0:Enable Verify Actions if Ordering Enabled;1:Enable Verify Actions Always;2:Disable Verify Actions

VALUE HELP: Select when the order verification actions should be active.

DESCRIPTION: This parameter controls whether nurses are allowed to verify orders in the GUI. The default value is 0, which allows nurses to verify orders only when ordering is enabled. To allow nurses to verify orders when ordering is disabled, set the value to 1. To never allow the verify actions, set the value to 2. This parameter applies to the "Verify" and "Chart Review" on the Actions menu on the Order tab.

PRECEDENCE: 1 ENTITY FILE: USER

PRECEDENCE: 5 ENTITY FILE: SYSTEM

PRECEDENCE: 10 ENTITY FILE: PACKAGE

ORWOR EXPIRED ORDERS

DISPLAY TEXT: Hours to find recently expired orders

MULTIPLE VALUED: No

VALUE TERM: Hours

VALUE DATA TYPE: numeric

VALUE DOMAIN: 0:100000:0

VALUE HELP: Enter the number of hours back in time to search for expired orders.

DESCRIPTION:

Number of hours back in time to search for expired orders. Also used to determine number of hours back in time to search for expired med orders if the follow-up action for the Expiring Meds alert does not find expiring meds.

This parameter does NOT affect Meds tab display. To alter Meds tab display, please adjust the ORCH CONTEXT MEDS parameter accordingly.

PRECEDENCE: 3 ENTITY FILE: SYSTEM

PRECEDENCE: 4 ENTITY FILE: PACKAGE

ORWOR PKI SITE

DISPLAY TEXT: PKI Functionality Site Enabled

VALUE TERM: Yes/No

VALUE DATA TYPE: yes/no

VALUE DOMAIN: Y:yes;N:no

VALUE HELP: Enter 'yes' to turn on PKI Digital Signature at site.

DESCRIPTION: 'Yes' indicates that PKI Digital Signature functionality is enabled.

PRECEDENCE: 2 ENTITY FILE: DIVISION
PRECEDENCE: 3 ENTITY FILE: SYSTEM

ORWOR PKI USE

DISPLAY TEXT: Allow PKI Functionality

VALUE TERM: Yes/No

VALUE DATA TYPE: yes/no

VALUE DOMAIN: Y:yes;N:no

VALUE HELP: Enter 'yes' to allow PKI Digital Signature functionality.

DESCRIPTION: 'Yes' indicates the user can Digitally Sign Schedule II Medication orders.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: DIVISION
PRECEDENCE: 3 ENTITY FILE: SYSTEM
PRECEDENCE: 4 ENTITY FILE: PACKAGE

ORWOR SHOW CONSULTS

DISPLAY TEXT: Show unresolved consults

MULTIPLE VALUED: No

VALUE TERM: Show unresolved consults

VALUE DATA TYPE: yes/no

VALUE HELP: Should unresolved consults be displayed when starting a new note?

DESCRIPTION: If set to 'yes', when starting a new note, a check will be made to determine if the current patient has pending, active or scheduled consult requests that the current user is authorized to complete/update. If any are found, a dialog will be displayed asking if the user would like to see a list of these consults. If this parameter is set to 'no', the dialog will not be displayed. Clicking "YES" will display the note title selection screen with unresolved consults listed below. Clicking "IGNORE" will proceed to the same title selection screen as if writing a progress note, and not display the consults. The exported PACKAGE value for this new parameter is to display the message (YES).

PRECEDENCE: 5 ENTITY FILE: USER
PRECEDENCE: 15 ENTITY FILE: DIVISION
PRECEDENCE: 20 ENTITY FILE: SYSTEM
PRECEDENCE: 25 ENTITY FILE: PACKAGE

ORWOR SHOW SURGERY TAB

DISPLAY TEXT: Show Surgery Tab in GUI

MULTIPLE VALUED: No

VALUE TERM: SHOW SURGERY TAB

VALUE DATA TYPE: set of codes

VALUE DOMAIN: 0:NO;1:YES

VALUE HELP: Should the Surgery tab be shown in the GUI? ((0=No, 1=Yes)

DESCRIPTION: Should the Surgery tab be shown in the GUI? ((0=No, 1=Yes)

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 3 ENTITY FILE: DIVISION
PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 7 ENTITY FILE: PACKAGE

ORWOR TIMEOUT CHART

DISPLAY TEXT: Timeout for GUI chart

VALUE TERM: Timeout (GUI Chart)

VALUE DATA TYPE: numeric

VALUE DOMAIN: 30:999999

VALUE HELP: Enter the number of seconds that should pass before the chart times out.

DESCRIPTION: This value overrides the user's DTIME only in the case of the CPRS chart, Windows version (CPRSChart.exe).

PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 1 ENTITY FILE: USER

ORWOR TIMEOUT COUNTDOWN

DISPLAY TEXT: Countdown Seconds upon Timeout

VALUE TERM: Countdown Seconds

VALUE DATA TYPE: numeric

VALUE DOMAIN: 0:999

VALUE HELP: Enter the number of seconds for the countdown before closing the chart.

DESCRIPTION: This value is the number of seconds used for the countdown when the timeout notification window appears.

PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 9 ENTITY FILE: PACKAGE

ORWOR VERIFY NOTE TITLE

DISPLAY TEXT: Verify Note Title

VALUE TERM: Verify Default Title

VALUE DATA TYPE: yes/no

VALUE HELP: Enter NO to allow the default note title to load without verification.

DESCRIPTION: If this parameter is set to YES, the window that allows the user to change a note title will appear whenever the user starts to enter a new note, even if they have a default title. If the parameter is set to NO, -and- the user has a default title, that title will be automatically loaded when a new note is entered.

PRECEDENCE: 9 ENTITY FILE: PACKAGE
PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 7 ENTITY FILE: DIVISION
PRECEDENCE: 8 ENTITY FILE: SYSTEM

ORWOR WRITE ORDERS LIST

DISPLAY TEXT: Write Orders (Inpatient)

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence

VALUE TERM: Order Dialog

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.41

VALUE HELP: Enter the entry from the dialog file that should be used in the list box.

VALUE SCREEN CODE:

I “DMOQ”[$P(^(0),U,4)

INSTANCE DATA TYPE: numeric

INSTANCE DOMAIN: 1:999:2

INSTANCE HELP: Enter the relative sequence for this order in the list box.

DESCRIPTION: This parameter is used do list the order dialog names that should appear in the Write Orders list box of the CPRS GUI. This is the list of dialogs that should be used in the inpatient setting.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: LOCATION
PRECEDENCE: 3 ENTITY FILE: SYSTEM
PRECEDENCE: 4 ENTITY FILE: PACKAGE
PRECEDENCE: 2.3 ENTITY FILE: SERVICE
PRECEDENCE: 2.7 ENTITY FILE: DIVISION

ORWPCE ASK ENCOUNTER UPDATE

DISPLAY TEXT: Ask Encounter Update

MULTIPLE VALUED: No

VALUE TERM: ASK ENCOUNTER UDPATE

VALUE DATA TYPE: set of codes

VALUE DOMAIN: 0:Primary/Data Needed;1:Primary/Outpatient;2:Primary Always;3:Data Needed;4:Outpatient;5:Always

VALUE HELP: Ask for Encounter update when these conditions are met.

DESCRIPTION: When signing a note in the CPRS GUI, this parameter is used to determine under what conditions to request the user enter encounter information. Note that encounter data is never required for inpatients. 0 = User is the Primary Encounter Provider, and Encounter Data is Needed 1 = User is the Primary Encounter Provider, and Patient is an Outpatient 2 = User is the Primary Encounter Provider 3 = Encounter Data is Needed 4 = Patient is an Outpatient 5 = Always

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: LOCATION
PRECEDENCE: 3 ENTITY FILE: SERVICE
PRECEDENCE: 4 ENTITY FILE: DIVISION
PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 6 ENTITY FILE: PACKAGE

ORWPCE FORCE PCE ENTRY

DISPLAY TEXT: Force PCE Entry

MULTIPLE VALUED: No

VALUE TERM: FORCE GUI PCE ENTRY

VALUE DATA TYPE: set of codes

VALUE DOMAIN: 0:NO;1:YES

VALUE HELP: Do you wish to force entry of PCE data in the CPRS GUI?

DESCRIPTION: This parameter is used in the CPRS GUI to determine if PCE encounter information must be entered when required for a note.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: LOCATION
PRECEDENCE: 3 ENTITY FILE: SERVICE
PRECEDENCE: 4 ENTITY FILE: DIVISION
PRECEDENCE: 5 ENTITY FILE: SYSTEM
PRECEDENCE: 6 ENTITY FILE: PACKAGE

ORWPFSS ACTIVE

DISPLAY TEXT: Activate CPRS PFSS Switch

MULTIPLE VALUED: No

VALUE TERM: PFSS ACTIVATE SWITCH

PROHIBIT EDITING: No

VALUE DATA TYPE: set of codes

VALUE DOMAIN: 0:NO;1:Y

VALUE HELP: Enter '1' to activate PFSS or '0' to deactivate PFSS for CPRS

DESCRIPTION: Parameter to tell CPRS if it needs to perform the PFSS functionality.

PRECEDENCE: 1 ENTITY FILE: SYSTEM

Note: This parameter was created to be used in testing and will not be used after the patch enabling PFSS is installed. Sites should NOT change this parameter. PFSS is in testing and will be implemented in a phased roll-out. Sites should wait until they receive instructions or a patch to activate this parameter.

ORWRP ADHOC LOOKUP

DISPLAY TEXT: Adhoc Health Summary Lookup

MULTIPLE VALUED: No

VALUE TERM: Lookup By

VALUE DATA TYPE: set of codes

VALUE DOMAIN: 0:Name;1:Abbreviation;2:Display Header

VALUE HELP: Enter the type of lookup desired

DESCRIPTION: This parameter determines the lookup used to populate the Adhoc Health Summary types in CPRS Report Tab, when an Adhoc report is requested.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: DIVISION
PRECEDENCE: 3 ENTITY FILE: SYSTEM
PRECEDENCE: 5 ENTITY FILE: PACKAGE

ORWRP CIRN REMOTE DATA ALLOW

DISPLAY TEXT: Allow remote data access

VALUE TERM: ALLOW REMOTE DATA ACCESSVALUE DATA TYPE: yes/no

VALUE HELP: Enter YES to allow access to remote patient data.

DESCRIPTION: ???

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: DIVISION
PRECEDENCE: 3 ENTITY FILE: SYSTEM
PRECEDENCE: 4 ENTITY FILE: PACKAGE

ORWRP CIRN SITES

DISPLAY TEXT: Remote Access Allowed

MULTIPLE VALUED: Yes

INSTANCE TERM: REMOTE SITE

VALUE TERM: REMOTE ACCESS ALLOWED

VALUE DATA TYPE: yes/no

VALUE HELP: Enter the institutions allowed for remote data.

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 4

INSTANCE HELP: Enter YES to allow remote access to this site

DESCRIPTION: ???

PRECEDENCE: 1 ENTITY FILE: DIVISION
PRECEDENCE: 2 ENTITY FILE: SYSTEM

ORWRP CIRN SITES ALL

DISPLAY TEXT: Allow remote data access to all sites.

VALUE TERM: ALLOW REMOTE DATA ACCESS TO ALL SITES

VALUE DATA TYPE: yes/no

VALUE HELP: Enter YES to allow remote data access to all sites.

DESCRIPTION: ???

PRECEDENCE: 1 ENTITY FILE: DIVISION
PRECEDENCE: 2 ENTITY FILE: SYSTEM

ORWRP HDR ON

DISPLAY TEXT: Turn Remote Queries to HDR on

VALUE TERM: TURN REMOTE QUERIES TO HDR ON

VALUE DATA TYPE: yes/no

VALUE HELP: Enter YES to enable remote queries to the HDR

DESCRIPTION: This parameter determines if Remote patient queries are done to the HDR. The values for this parameter can be controlled down to the USER entity.

PRECEDENCE: 1	ENTITY FILE: USER
PRECEDENCE: 2	ENTITY FILE: DIVISION
PRECEDENCE: 3	ENTITY FILE: SYSTEM
PRECEDENCE: 4	ENTITY FILE: PACKAGE

WARNING: Sites should not enable this parameter until they receive official instructions. There is the possibility that inaccurate or misaligned data could be displayed in CPRS. A future patch will either provide instructions or activate the ORWRP HDR ON parameter.

ORWRP HEALTH SUMMARY LIST ALL

DISPLAY TEXT: List All Health Summary Types

MULTIPLE VALUED: No

VALUE TERM: LIST ALL

VALUE DATA TYPE: yes/no

VALUE HELP: Enter YES to have all Health Summary Types listed

DESCRIPTION: This parameter overrides the ORWRP HEALTH SUMMARY TYPE LIST by making all health summary types available, in alphabetic order.

PRECEDENCE: 2	ENTITY FILE: USER
PRECEDENCE: 5	ENTITY FILE: DIVISION
PRECEDENCE: 6	ENTITY FILE: SYSTEM

ORWRP HEALTH SUMMARY TYPE LIST

DISPLAY TEXT: Allowable Health Summary Types

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence

VALUE TERM: Health Summary

VALUE DATA TYPE: pointer

VALUE DOMAIN: 142

VALUE HELP: Select a health summary type (MUST run without additional prompting).

VALUE SCREEN CODE:

I $D(^GMT(142,+Y,1,0))

INSTANCE DATA TYPE: numeric

INSTANCE DOMAIN: 1:999:2

INSTANCE HELP: Enter the sequence in which this health summary should appear in the list.

DESCRIPTION: Health Summary types that may be displayed by the CPRS GUI should be entered here. Only health summaries that do no additional prompting may be selected (i.e., all time and occurrence limits must be already defined). The exception to this is the Ad hoc Health Summary (GMTS HS ADHOC OPTION). The Ad hoc is a special case that is handled by the GUI.

PRECEDENCE: 4 ENTITY FILE: SYSTEM

PRECEDENCE: 2 ENTITY FILE: USER

ORWRP REPORT LAB LIST

DISPLAY TEXT: List of lab reports

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence

VALUE TERM: Lab Report

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.24

VALUE HELP: Select a Lab report

VALUE SCREEN CODE: I $P($G(^ORD(101.24,+Y,0)),"^",8)="L"

INSTANCE DATA TYPE: numeric

INSTANCE DOMAIN: 1:999:2

INSTANCE HELP: Enter the sequence in which the report should appear on Labs Tab

DESCRIPTION: This parameter allows a custom list of reports, with sequencing, on the Labs tab.

PRECEDENCE: 4	ENTITY FILE: SYSTEM
PRECEDENCE: 2	ENTITY FILE: USER
PRECEDENCE: 6	ENTITY FILE: PACKAGE
PRECEDENCE: 3	ENTITY FILE: DIVISION

ORWRP REPORT LIST

DISPLAY TEXT: List of reports

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence

VALUE TERM: Report

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101.24

VALUE HELP: Select a report

VALUE SCREEN CODE: I $P($G(^ORD(101.24,+Y,0)),"^",8)="R"

INSTANCE DATA TYPE: numeric

INSTANCE DOMAIN: 1:999:2

INSTANCE HELP: Enter the sequence in which the report should appear on Reports Tab

DESCRIPTION: This parameter allows a custom list of reports, with sequencing, on the Reports tab.

PRECEDENCE: 4 ENTITY FILE: SYSTEM
PRECEDENCE: 2 ENTITY FILE: USER
PRECEDENCE: 6 ENTITY FILE: PACKAGE
PRECEDENCE: 3 ENTITY FILE: DIVISION

ORWRP TIME/OCC LIMITS ALL

DISPLAY TEXT: Default time/occ for all reports

MULTIPLE VALUED: No

INSTANCE TERM: ALL REPORTS

VALUE TERM: Time & Occurrence limits for all

VALUE DATA TYPE: free text

VALUE HELP: Format: Start Date;End Date;Occurance limit (T-100;T;200)

VALUE VALIDATION CODE:
K:$L(Y,";")'=3!($E(Y)'="T")!($E($P(Y,";",2))'="T")!('$P (Y,";",3)) X

INSTANCE DATA TYPE: free text

INSTANCE HELP: Enter time & occurrence limit for all reports

DESCRIPTION: This parameter sets a default for all reports found on the Reports tab in CPRS. Individual values of this parameter, for each report can be set by editing the parameter ORWRP TIME/OCC LIMITS ALL.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 6 ENTITY FILE: SYSTEM
PRECEDENCE: 9 ENTITY FILE: PACKAGE
PRECEDENCE: 4 ENTITY FILE: DIVISION

ORWRP TIME/OCC LIMITS INDV

DISPLAY TEXT: Report time & occurrence limits

MULTIPLE VALUED: Yes

INSTANCE TERM: Report

VALUE TERM: Time & Occurrence Limits

VALUE DATA TYPE: free text

VALUE HELP: Format: Start date;End date;Occurance limit (T-100;T;100)

VALUE VALIDATION CODE:
K:$L(Y,";")'=3!($E(Y)'="T")!($E($P(Y,";",2))'="T")!('$P (Y,";",3)) X

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 101.24

INSTANCE HELP: Enter report to specify time & occurrence

INSTANCE SCREEN CODE:
I$P($G(^ORD(101.24,+Y,0)),"^",12)'="M",$P($G(^ORD(101.2 4,+Y,0)),"^",8)="R"

DESCRIPTION: This parameter sets the default time and occurrence limits for reports found on the Reports Tab in CPRS.

PRECEDENCE: 1 ENTITY FILE: USER

PRECEDENCE: 6 ENTITY FILE: SYSTEM

PRECEDENCE: 9 ENTITY FILE: PACKAGE

PRECEDENCE: 4 ENTITY FILE: DIVISION

ORWRP VISTAWEB ADDRESS

DISPLAY TEXT: VISTAWEB Address

VALUE TERM: VISTAWEB ADDRESS

VALUE DATA TYPE: free text

VALUE HELP: Enter the Web Address to access VistaWeb, excluding parameters.

PRECEDENCE: 1 ENTITY FILE: USER

PRECEDENCE: 2 ENTITY FILE: DIVISION

PRECEDENCE: 3 ENTITY FILE: SYSTEM

PRECEDENCE: 4 ENTITY FILE: PACKAGE

Note: The value of this parameter should NOT include any parameters in the address, since these are calculated at the time the call to VistaWeb is made. For example if the VistaWeb address is:
https://vistaweb.med.va.gov/ToolsPage.aspx?q9gtw0=660&xqi4z=%DFN&yiicf=%DUZ

…the value of ORWRP VISTAWEB ADDRESS should be:
https://vistaweb.med.va.gov/ToolsPage.aspx

If no value is entered for this parameter, then CPRS will default to:
https://vistaweb.med.va.gov

ORWT TOOLS MENU

DISPLAY TEXT: CPRS GUI Tools Menu

MULTIPLE VALUED: Yes

INSTANCE TERM: Sequence

VALUE TERM: Name=Command PROHIBIT EDITING: No

VALUE DATA TYPE: free text

VALUE HELP: Example: Notepad=C:\WINDOWS\NOTEPAD.EXE

VALUE VALIDATION CODE: I ‘($L($P(X,”=”))&$L($P(X,”=”,2))) K X

INSTANCE DATA TYPE: numeric

INSTANCE DOMAIN: 1:99

INSTANCE HELP: Enter the sequence in which this menu item should appear.

DESCRIPTION: This parameter may be used to identify which items should appear on the tools menu which is displayed by the CPRS GUI. Each item should contain a name that should be displayed on the menu, followed by an equal sign, followed by the command string used to invoke the executable. This string may also include parameters that are passed to the executable.

Some example entries are:

Hospital Policy=C:\WINNT\SYSTEM32\VIEWERS\QUIKVIEW.EXE LOCPLCY.DOC VISTA Terminal=C:\PROGRA~1\KEA\KEAVT.EXE VISTA.KTC

An ampersand may be used in the name portion to identify a letter that should be underlined on the menu for quick keyboard access. For example, to underscore the letter H in Hospital Policy, enter &Hospital Policy as the name part.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: LOCATION
PRECEDENCE: 3 ENTITY FILE: DIVISION
PRECEDENCE: 4 ENTITY FILE: SYSTEM
PRECEDENCE: 9 ENTITY FILE: PACKAGE
PRECEDENCE: 2.5 ENTITY FILE: SERVICE

ORXP TEST DATE/TIME

DISPLAY TEXT: Test Date/Time

MULTIPLE VALUED: No

VALUE DATA TYPE: date/time

DESCRIPTION: ???

PRECEDENCE: 1 ENTITY FILE: USER

ORXP TEST FREE TEXT

DISPLAY TEXT: Test Free Text

VALUE DATA TYPE: free text

DESCRIPTION: ???

PRECEDENCE: 1 ENTITY FILE: USER

ORXP TEST MULTUSR DT

DISPLAY TEXT: Test Multiple Inst (User) Date

MULTIPLE VALUED: Yes

VALUE DATA TYPE: date/time

INSTANCE DATA TYPE: pointer

INSTANCE DOMAIN: 200

DESCRIPTION: ???

PRECEDENCE: 1 ENTITY FILE: SYSTEM

ORXP TEST NUMERIC

DISPLAY TEXT: Test Numeric

VALUE DATA TYPE: numeric

VALUE DOMAIN: 1:100

DESCRIPTION: ???

PRECEDENCE: 1 ENTITY FILE: USER

ORXP TEST PARAM MULTIPLE

DISPLAY TEXT: Test Multiple Valued Parameter

MULTIPLE VALUED: Yes

VALUE DATA TYPE: free text

VALUE HELP: Enter some free text INSTANCE DATA TYPE: numeric

INSTANCE DOMAIN: 1:3

INSTANCE HELP: Enter a number between 1 and 3 (maximum 3 instances).

DESCRIPTION: This is a test of a parameter that allows multiple instances.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: PACKAGE

ORXP TEST POINTER

DISPLAY TEXT: Test Pointer

MULTIPLE VALUED: Yes

VALUE DATA TYPE: pointer

VALUE DOMAIN: 101

DESCRIPTION: ???

PRECEDENCE: 1 ENTITY FILE: USER

ORXP TEST SET OF CODES

DISPLAY TEXT: Test Set of Codes

VALUE DATA TYPE: set of codes

VALUE DOMAIN: r:Red;g:Green;b:Blue

DESCRIPTION: ???

PRECEDENCE: 1 ENTITY FILE: USER

ORXP TEST SINGLE PARAM

DISPLAY TEXT: Single Valued Parameter

MULTIPLE VALUED: No

VALUE DATA TYPE: numeric

VALUE DOMAIN: 1:100

VALUE HELP: Enter a number between 1 and 100 (inclusive).

DESCRIPTION: This is a test of a parameter allowing 1 instance per entity.

PRECEDENCE: 1 ENTITY FILE: USER
PRECEDENCE: 2 ENTITY FILE: PACKAGE

ORXP TEST YES/NO

DISPLAY TEXT: Test Yes/No

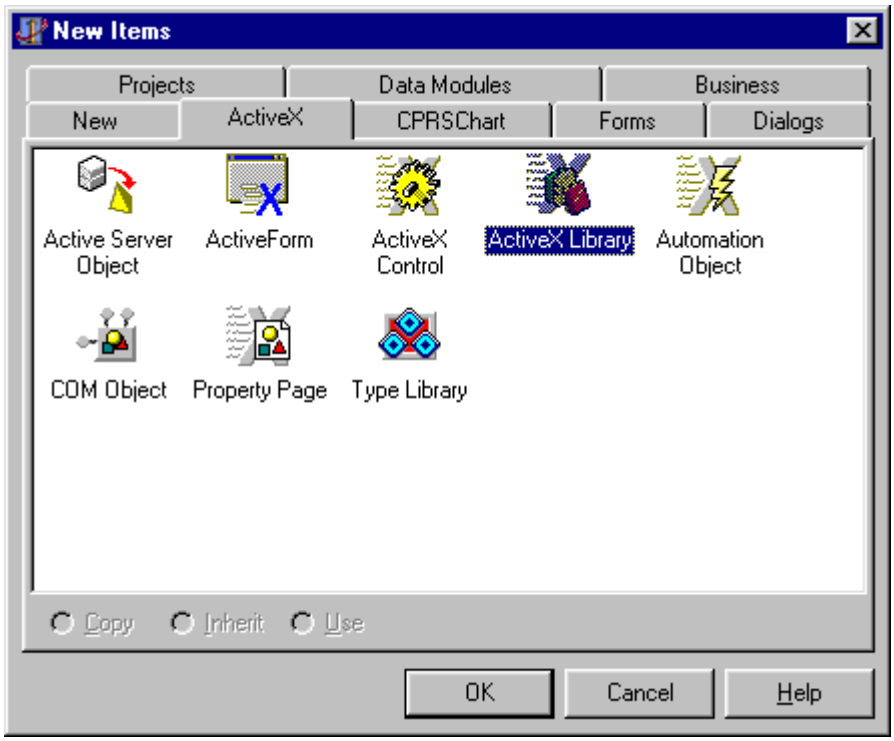
VALUE DATA TYPE: yes/no

PRECEDENCE: 1 ENTITY FILE: USER

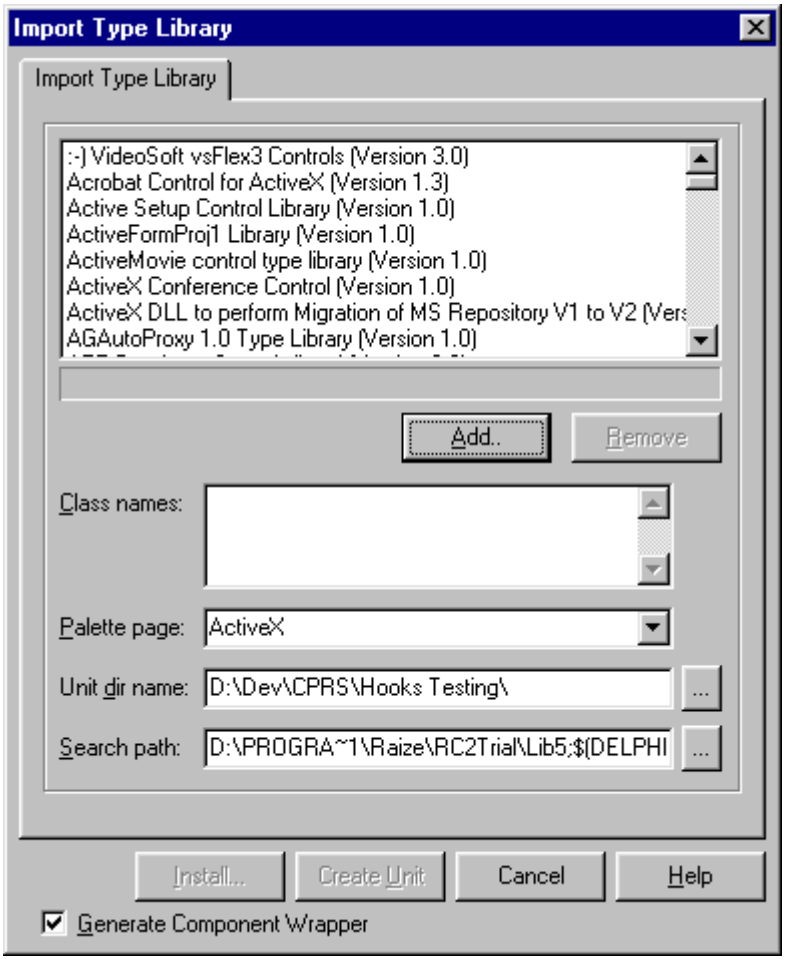
Appendix F - Creating CPRS Extension COM Object in Delphi

Due to technical problems with out-of-process CPRS extensions, it is recommended that in-process servers be created. This document offers step-by-step instructions to creating an in-process COM server that extends CPRS functionality, following by specifications on the CPRS Type Library interfaces. Instructions were made using Delphi 5. Other versions of Delphi may or may not be compatible with these instructions, but it should be possible to create CPRS extensions in any version of Delphi that supports COM object creation, as well as other programming languages that support the creation of COM objects.

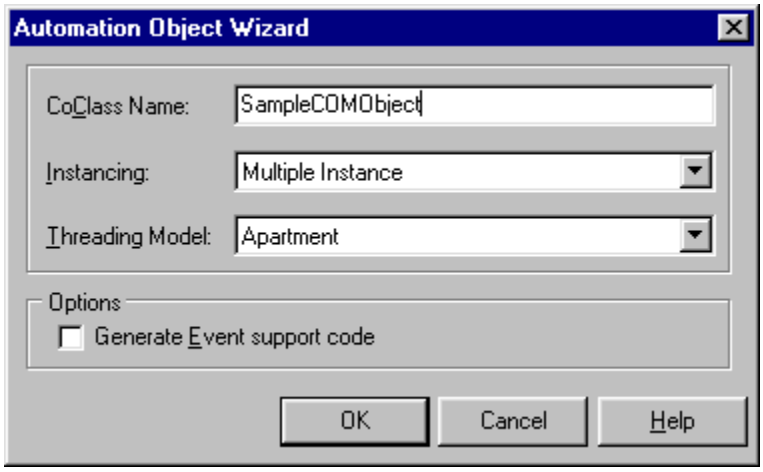
1. Start Delphi.
2. Select the File | New menu
3. Select the ActiveX tab, and ActiveX Library, and click on OK.



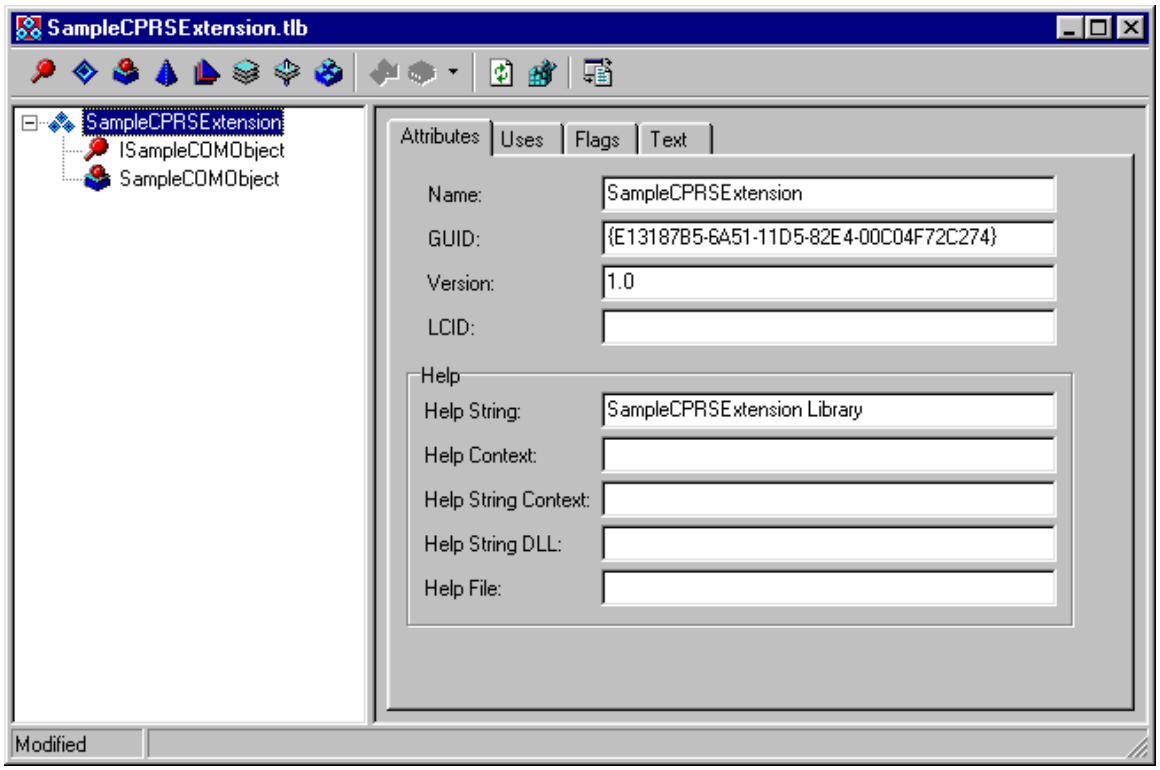
4. Save your project - give it a meaningful name (don't close the project, just save it). This example uses the project name SampleCPRSExtension.
5. Select Project | Import Type Library. This dialog will display:



6. Click the Add button. This will pull up a standard open file dialog - select the CPRSChart.exe file (which may reside in a different directory) and click on the Open button.
7. CPRSChart Library should now be selected in the Import Type Library window. Click the Create Unit button. A new unit, CPRSChart_TLB.pas will be created and displayed in the Delphi code editor.
8. Select the File | New menu again.
9. Select the ActiveX tab, Automation Object, and click OK.
10. You will be presented with this dialog. Leave all the defaults, and provide a meaningful CoClass Name and click OK. This example uses the SampleCOMObject class name.



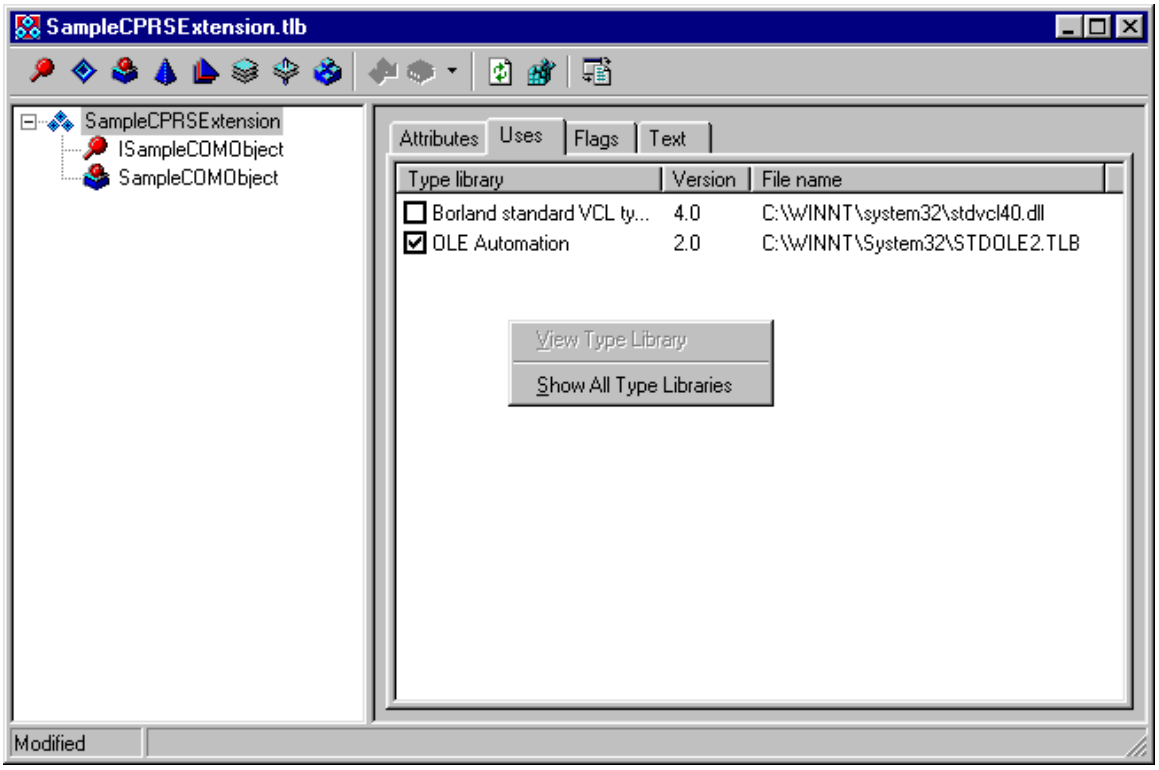
11. The type library editor will automatically appear. With the ActiveX library name still selected in the tree view, click on the Uses tab.



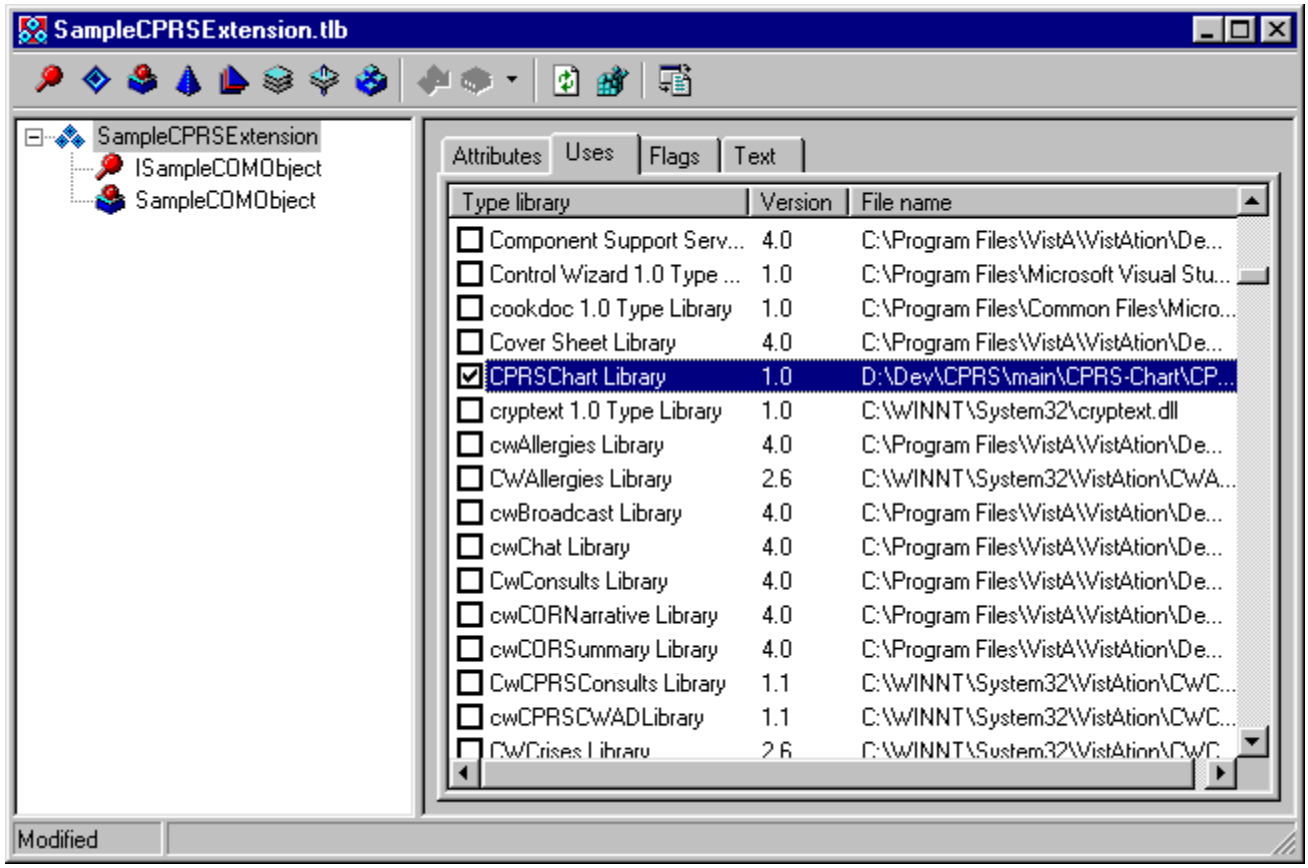
12. The uses tab will show two entries - Borland standard VCL type library, and OLE Automation. Uncheck the Borland standard VCL type library check box. This will produce the following message:

13. Click on Yes. Developers who wish to use interfaces defined in Borland standard VCL type library may do so, but will be required to distribute and register Borland's stdvcl40.dll file with their application.

14. Right click on the Uses tab, and select the Show All Type Libraries menu option.



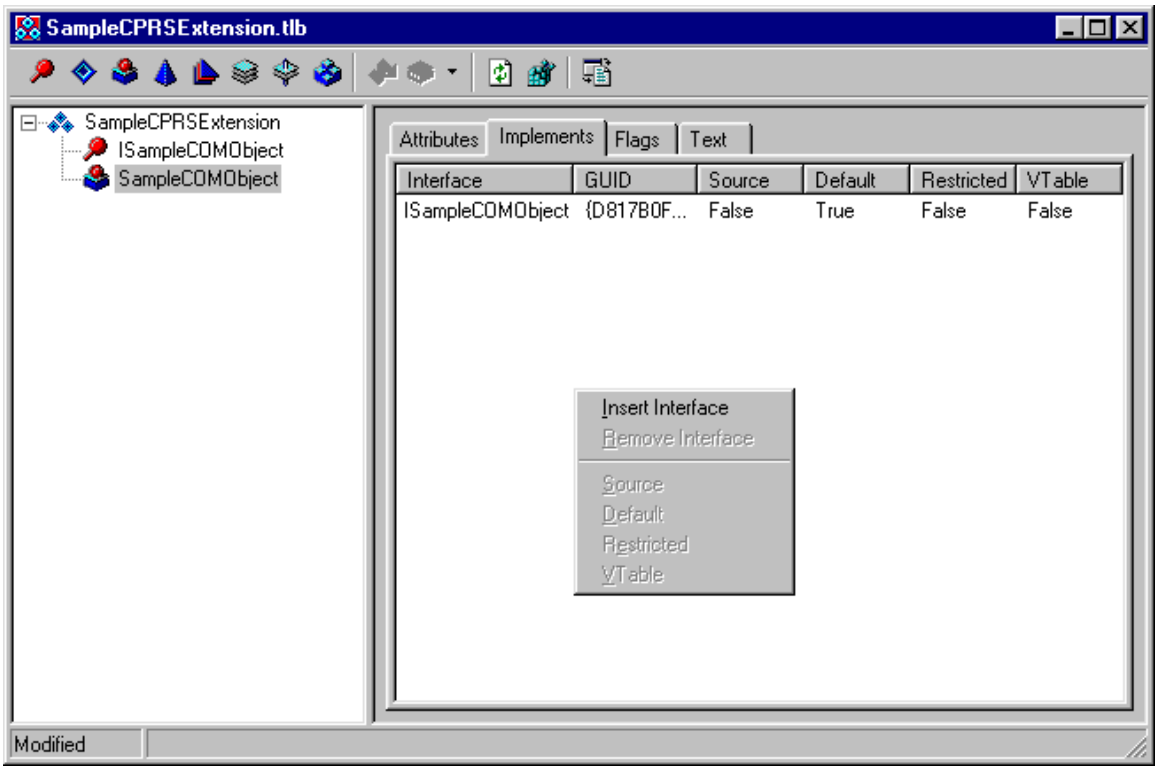
15. The Uses tab should now display numerous entries. Scroll down the list until you see CPRSChart Library. Click on the check box to the left of this entry to include the CPRSChart library.



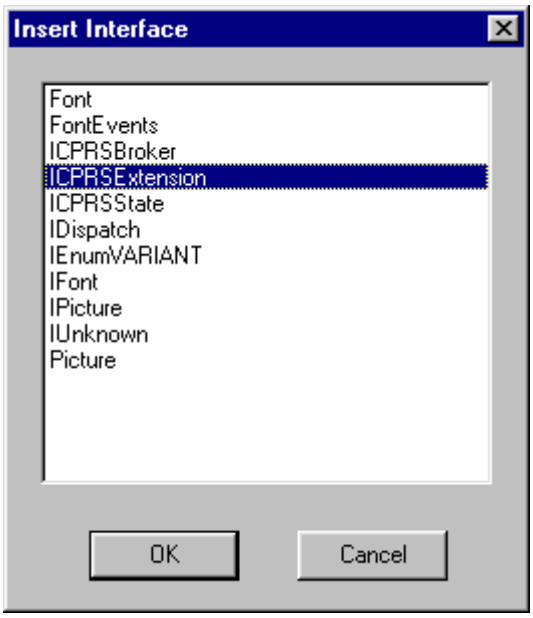
16. In the tree view on the left, click on the CoClass entry. This will have a symbol next to it, and will probably be the last entry in the tree view.

17. Click on the Implements tab.

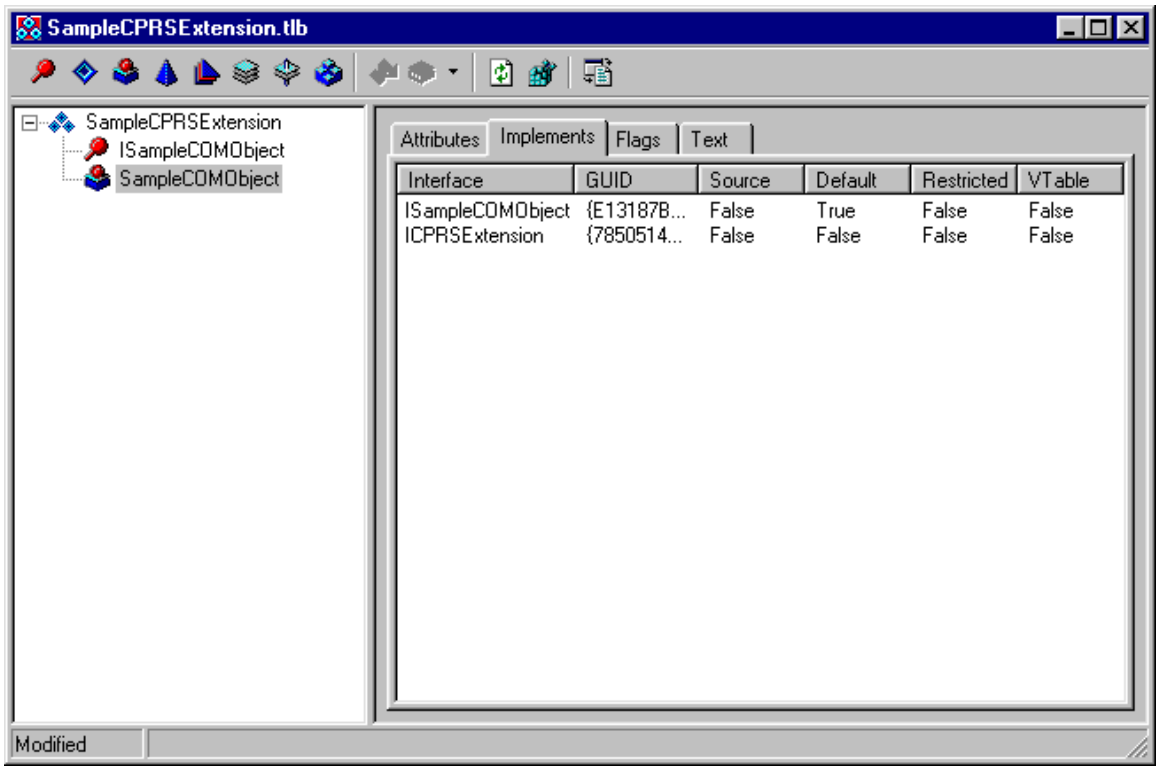
18. Right click on the Implements tab, and select the Insert Interface menu option.



19. A dialog will appear with several entries in it. Select the ICPRSExtension entry, and click OK.



20. The Implements tab should now contain the ICPRSExtension entry.



21. Save the project again. You will be asked to save a new unit. Give this unit a meaningful name, preferably the same CoClass name entered in step #10. This example uses the SampleCOMObject.pas unit name.

22. Select the unit just saved in the Delphi code editor (e.g. SampleCOMObject). In the top uses section, add CPRSChart_TLB to the uses clause (you must make this change before you will be able to compile). The unit should now look something like this:

```
unit SampleCOMObject;

interface

uses
  ComObj, ActiveX, SampleCPRSExtension_TLB, StdVcl, CPRSChart_TLB;

type
  TSampleCOMObject = class(TAutoObject, ISampleCOMObject,
ICPRSExtension)
  protected
    function Execute(const CPRSBroker: ICPRSBroker;
      const CPRSState: ICPRSState; const Param1, Param2,
      Param3: WideString; var Data1, Data2: WideString): WordBool;
      safecall;
    { Protected declarations }
  end;

implementation

uses ComServ;

function TSampleCOMObject.Execute(const CPRSBroker: ICPRSBroker;
  const CPRSState: ICPRSState; const Param1, Param2, Param3:
WideString;
  var Data1, Data2: WideString): WordBool;
begin

end;

initialization
  TAutoObjectFactory.Create(ComServer, TSampleCOMObject,
Class_SampleCOMObject,
    ciMultiInstance, tmApartment);
end.
```

23. The Execute method will be called from within CPRS when a specific event is activated. The CPRSBroker and CPRSState parameters are passed into the call, and can be used from within this event to make RPC calls and review current user and patient information. Details on these interfaces are documented below. There are currently three events within CPRS that will cause a COM object to be activated:

    - Patient Selection.
    - Order Acceptance.
    - Template activation (when the template is tied to a COM object).

This example will create a simple Patient Selection COM Object that displays a message with patient information. Actual use will vary but might include some kind of dialog being presented to the user, and some kind of user interaction taking place. To make this change, add the Dialogs unit to the uses clause, and add the ShowMessage code as shown:

```
implementation

uses ComServ, Dialogs;

function TSampleCOMObject.Execute(const CPRSBroker:
ICPRSBroker;
  const CPRSState: ICPRSState; const Param1, Param2, Param3:
WideString;
  var Data1, Data2: WideString): WordBool;
begin
  ShowMessage('Patient Selected: ' + CPRSState.PatientName);
end;
```

24. Save and compile. You will not be able to run the application since it's a DLL.
25. Select the RUN | Register ActiveX Server menu option. You should receive a confirmation message indicating successful registration.
26. Open a terminal emulator program (e.g. KEA). Connect to the account where CPRS GUI v16 has been installed.
27. Run FileMan.
28. Select the ENTER OR EDIT FILE ENTRIES option
29. Select the OE/RR COM OBJECTS file (#101.15) for editing
30. You will be asked to "Select OE/RR COM OBJECTS NAME:" - enter a unique, meaningful name in uppercase.
31. You will then be asked to enter an Object GUID. To find this value, go back to Delphi, and select the type library unit created for the project (the example file is SampleCPRSExtension_TLB.
32. Near the top of this unit are three GUIDs defined. Select the CLASS GUID. The example would use the CLASS_SampleCOMObject GUID.

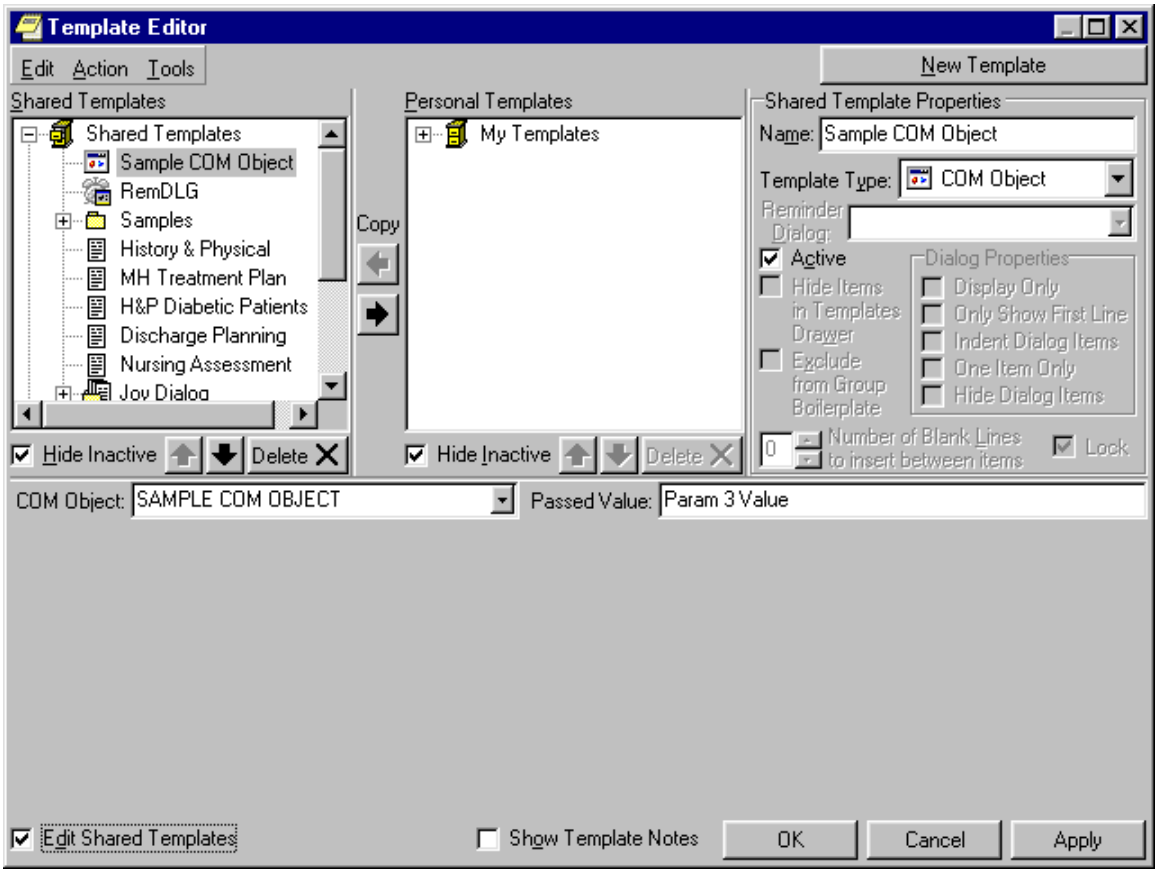
```
const
  // TypeLibrary Major and minor versions
  SampleCPRSExtensionMajorVersion = 1;
  SampleCPRSExtensionMinorVersion = 0;

  LIBID_SampleCPRSExtension: TGUID = '{D817B0F8-6F2F-11D5-82E8-
00C04F72C274}';

  IID_ISampleCOMObject: TGUID = '{D817B0F9-6F2F-11D5-82E8-
00C04F72C274}';
  CLASS_SampleCOMObject: TGUID = '{D817B0FB-6F2F-11D5-82E8-
00C04F72C274}';
```

33. Highlight this value, starting with the open braces '{' and ending with the close braces '}', (don't include the quotes) and copy to the clipboard.
34. Go back to the terminal session, and paste the GUID into the Object GUI field.
35. Leave the inactive field empty.

36. The Param1 field will be passed directly to the COM object as Param1 in the execute method.
37. An optional description field can be entered if desired.
38. Exit FileMan
39. Now we need to link the COM object to the patient selection event. Run the XPAR EDIT PARAMETER option
40. Select the ORWCOM PATIENT SELECTED parameter
41. Select the desired entity (for testing just use the User entity, and select yourself). You will then be asked to select an entry in the OE/RR COM OBJECTS file. Select the entry just made in steps 25-37.
42. Run CPRS GIU v16. When selecting a patient, the ShowMessage dialog entered in step 22 should appear.
43. To link a COM object to order acceptance, by display group, use the ORWCOM ORDER ACCEPTED parameter.
44. To link a COM object to a template, enter the template editor in the CPRS GUI, and edit shared templates (end users are not allowed to link templates to COM objects, since this requires installation of the COM object on the workstation).
45. Create a new Shared Template, give the template a name, and select a Template Type of COM Object. The bottom of the template editor will change to display two fields, COM Object and Passed Value. COM Object allows selection of an active entry in the OE/RR COM OBJECTS file. The passed value field is text that will be passed in Param3 of the execute method. When using the template, the COM object will be activated.



CPRS GUI v21 Changes to COM Object Template Functionality

In the original document entitled "Creating CPRS Extension COM Object in Delphi", the Data2 parameter is described as follows with respect to templates:

"Data2 is reserved for future use, but is anticipated to be XML formatted data passed between CPRS and invoked COM objects."

The following block of XML is now transmitted to the COM object template in the Data2 parameter, as a TStrings.Text value, meaning that multiple lines are separated by carriage return line feed pairs.. The DOC_IEN entity contains the pointer to the TIU DOCUMENT file (#8925) for the current document. The AUTHOR_IEN entity contains the pointer to the NEW PERSON file (#200) for the currently recorded author of the document. The AUTHOR_NAME entity contains that author's name as contained in the .01 field of the NEW PERSON file (#200). This XML is passed to the COM object on all of the TIU-related tabs in CPRS (Notes, Consults, Discharge Summary, Surgery).

```
<TIU_DOC>

   <DOC_IEN>ien</DOC_IEN>

   <AUTHOR_IEN>ien</AUTHOR_IEN>

   <AUTHOR_NAME>name</AUTHOR_NAME>

</TIU_DOC>
```

On return from the COM object, CPRS will continue to accept modified text for the note in the DATA1 parameter. The DATA2 parameter will now also be scanned for any change in author returned by the COM object. The data returned in DATA2 must be in the following XML format to be correctly processed by CPRS. The AUTHOR_IEN entity MUST contain the pointer to the NEW PERSON file (#200) for the newly selected author of the document. The AUTHOR_NAME entity contains that author's name as listed in the .01 field in file #200. Returning the AUTHOR_NAME entity is optional, and it is used only for display of a message to the user in the event that the returned author is determined to be invalid.

```
<TIU_DOC>

   <DOC_IEN>ien</DOC_IEN>

   <AUTHOR_IEN>ien</AUTHOR_IEN>

   <AUTHOR_NAME>name</AUTHOR_NAME>

</TIU_DOC>
```

Prior to acceptance and storage, the author returned by the COM object is first validated as a current entry in file 200. Next, that author is evaluated for cosignature requirements. If a cosigner is required, the user is presented with the Note Properties screen, and is required to supply a cosigner for the document. Once these requirements have been addressed, the new author (and cosigner, if applicable) is attached to the note, the COM object's text is inserted, and processing continues as before.

At this time, only the CPRS Notes tab will recognize and process a change of author. The other TIU tabs (Consults, Discharge Summary, Surgery) have additional complicating factors related to authorship which have not been addressed in this release.

Distribution

In addition to the steps outlined above, COM objects need to be distributed and registered on each workstation where the COM object is to be used. To distribute the COM object, it needs to be copied to each machine. To register a COM object, execute the following command on each machine, after the file has been copied to the hard disk:

regsvr32 [FileName]

The regsvr32 program is a windows utility that registers and un-registers COM objects. [FileName] is the file path and name of the COM object being registered. For a list of additional flags that can be passed, run regsvr32 without a filename.

Note that if the COM object is not present or has not been registered, CPRS will raise an error, alerting the user that the COM Object is not registered on the workstation. Following the error, CPRS will continue on as if the COM object did not exist. Additional attempts to run the COM object will be automatically aborted without an error, until CPRS is restarted.

CPRS Registration

In addition to the COM object being registered with Windows, CPRS must also be registered with Windows. Normally CPRS will automatically register itself when it is run. However, automatic registration may fail for users executing CPRS in a lockout environment, where they do not have the authority to write to the registry (and therefore do not have the authority to register COM objects and type libraries). In these cases, CPRS must be registered manually by executing the following command outside of a lockout environment:

CPRSChart /register

This registration step only needs to be performed once per workstation. If desired, this can be combined with the registration steps taken during the installation of COM objects. If, for any reason, CPRSChart needs to be unregistered, it will accept the /unregister parameter. When the /register or /unregister parameters are passed, CPRSChart will register or un-register itself silently, without any visual indication of execution.

Appendix G - Interface Specifications

BrokerParamType Enumeration

The BrokerParamType enumeration is the equivalent of the TParamType enumeration used by the Broker. Valid values are bptLiteral, bptReference, bptList, and bptUndefined.

ICPRSBroker Interface

The ICPRSBroker interface provides access to the CPRS broker which allows the COM object to make remote procedures without needing to create another partition on the server.

SetContext function

Format: function SetContext(const Context: WideString): WordBool;

This function allows the COM object to change broker context. The return boolean result will be true if the context change was allowed.

Server function

Format: function Server: WideString;

This function returns the broker's server connection.

Port function

Format: function Port: Integer;

This function returns the current port number that is being used by the broker.

DebugMode function

Format: function DebugMode: WordBool;

This boolean function returns true if the broker is in debug mode.

CallRPC procedure

Format: procedure CallRPC(const RPCName: WideString);

This procedure sets the remote procedure name of the broker and executes the broker call method.

RPCVersion property

Format: property RPCVersion: WideString;

This property and its corresponding Get_RPCVersion and Set_RPCVersion methods are used to set the Broker's RPCVersion property.

ClearParameters property

Format: property ClearParameters: WordBool;

This property and its corresponding Get_ClearParameters and Set_ClearParameters methods are used to set the Broker's ClearParameters property.

ClearResults property

Format: property ClearResults: WordBool;

This property and its corresponding Get_ClearResults and Set_ClearResults methods are used to set the Broker's ClearResults property.

Results property

Format: property Results: WideString;

This property and its corresponding Get_Results and Set_Results methods are used to access the Broker's Result property. Since the TRPCBroker class implements this property as a TStrings object, the ICPRSBroker.Results property is the equivalent of the RPCBroker.Results.Text property. It is recommended that an internal TStrings descendant class be used to decipher multi-line Results values.

Accessing the RPC Broker's Params property

Three properties and two functions have been provided to access the TRPCBroker Params property.

Format: property Param[Index: Integer]: WideString;

property ParamType[Index: Integer]: BrokerParamType;

property ParamList[Index: Integer; const Node: WideString]: WideString;

function ParamCount: Integer;

function ParamListCount(Index: Integer): Integer;

Param[Index] is equivalent to RPCBroker.Param[Index].Value.

ParamType[Index] is equivalent to RPCBroker.Param[Index].PType, and accepts the BrokerParamType enumerated values detailed above.

ParamList[Index, Node] is equivalent to RPCBroker.Param[Index].Mult[Node].

ParamCount is equivalent to RPCBroker.Param.Count.

ParamListCount[Index] is equivalent to RPCBroker.Param[Index].Mult.Count.

ICPRSState Interface

The ICPRSState interface provides COM objects with basic CPRS context information.

Handle function

Format: function Handle: WideString;

This function returns a handle unique to a specific instance of CPRS and is provided for COM objects that may need a unique identifier for each instance of CPRS. The handle is

comprised of the TCP/IP address of the workstation, followed by the window handle of the main CPRS window.

UserDUZ function

Format: function UserDUZ: WideString;

This function returns the internal entry number to the NEW PERSON file (#200) for the current CPRS user.

UserName function

Format: function UserName: WideString;

This function returns the name of the current user.

PatientDFN function

Format: function PatientDFN: WideString;

This function returns the internal entry number to the PATIENT file (#2) for the currently selected patient.

PatientName function

Format: function PatientName: WideString;

This function returns the name of the currently selected patient.

PatientDOB function

Format: function PatientDOB: WideString;

This function returns the date of birth for the currently selected patient. The patient's DOB is displayed in MM/DD/YYYY format.

PatientSSN function

Format: function PatientSSN: WideString;

This function returns the social security number of the currently selected patient.

LocationIEN function

Format: function LocationIEN: Integer;

This function returns the internal entry number to the HOSPITAL LOCATION file (#44) for the currently selected location. If no location has been selected this value will be 0.

LocationName function

Format: function LocationName: WideString;

This function returns the name of the currently selected location. If no location has been selected this value will be blank.

ICPRSExtension Interface

The ICPRSExtension interface is the only interface that must be implemented by the COM object. The only method of this interface, Execute, is called when the COM object is invoked. After Execute returns, the COM object is released. Note that CPRS execution halts until the Execute method returns. It is important to implement the COM object as an in-process server because CPRS can still process callback events from the windows operating system. Out of process COM objects prevent CPRS from processing these callback events. Without out of process COM objects, CPRS is not be able to timeout and is not able to notify the server of its continued presence (resulting in broker disconnects).

Execute function

Format: function Execute(const CPRSBroker: ICPRSBroker;

const CPRSState: ICPRSState; const Param1: WideString;

const Param2: WideString; const Param3: WideString;

var Data1: WideString; var Data2: WideString): WordBool;

The CPRSBroker parameter is an object that implements the ICPRSBroker interface and provides access to the CPRS Broker.

The CPRSState parameter is an object that implements the ICPRSState interface and provides basic CPRS state information.

Param1 is the value of the Param1 field of the OE/RR COM OBJECTS file (#101.15).

Param2 varies depending on how the COM object is being invoked.

For Patient Change events, Param2 is P=PatientDFN.

For Order Accept events, Param2 is O=OrderIdentifier.

For templates, Param2 is blank unless the template is also linked directly to a TIU Title, a Consult, or a Procedure Reason for Request. For Titles, Param2 is T=TitleIEN - pointer to the TIU DOCUMENT DEFINITION file (#8925.1). For Consults, Param2 is C=ServiceIEN - pointer to the REQUEST SERVICES file (#123.5). For Procedures, Param2 is P=ProcedureIEN - pointer to the GMRC PROCEDURE file (#123.3).

Param3 contains the Passed Value defined for a template. The Passed Value the value contained in the COM PARAM field (#.18) of the TIU TEMPLATE file (#8927). If the COM object is not linked to a template, Param3 is blank.

Data1 is used as note or reason for request text by COM objects linked to templates. For templates associated with a specific title or reason for request, Data1 will initially contain the boilerplate text associated with that title or reason for request. All other templates will leave Data1 blank. Data1 is a var parameter, and should be set by the COM object to return note or reason for request text. Note that Data1 is a TStrings.Text value which means that multiple lines are separated by carriage return line feed pairs.

Data2 is reserved for future use, but is anticipated to be used for XML formatted data passed between CPRS and invoked COM objects.

Return Value - the execute function returns a boolean value. For COM objects linked to templates, this return value must be TRUE in order for CPRS to accept any text passed in Data1. Patient and ordering events ignore the return.

Appendix H - Accessibility

JAWS Files

JAWS is a screen reader application that enables a computer to verbally describe the controls and content of computer applications. For example, in CPRS, when a user changes tabs, JAWS will speak the name of the tab, such as “Orders tab”, enabling the visually-challenged user to navigate CPRS and complete necessary tasks.

Developers have created specialized scripts and CPRS components that enable JAWS to work more effectively with CPRS. As part of the CPRS GUI v.27 (OR*3.0*243) release a zip file (CPRS27_JAWS_SUPPORT_FILES.ZIP) including the JAWS scripts and supporting files is being distributed.

The improvements work only with JAWS 7.1 or later. However, JAWS 8.0.2173 or later is best because it fixes a bug that caused CPRS to crash when reading progress notes with JAWS. This fix is not in earlier versions of JAWS 8.0.

Usually it is best for JAWS users stay up to date with the latest releases of the product.

The following files are contained in the CPRS27_JAWS_SUPPORT_FILES.ZIP file:

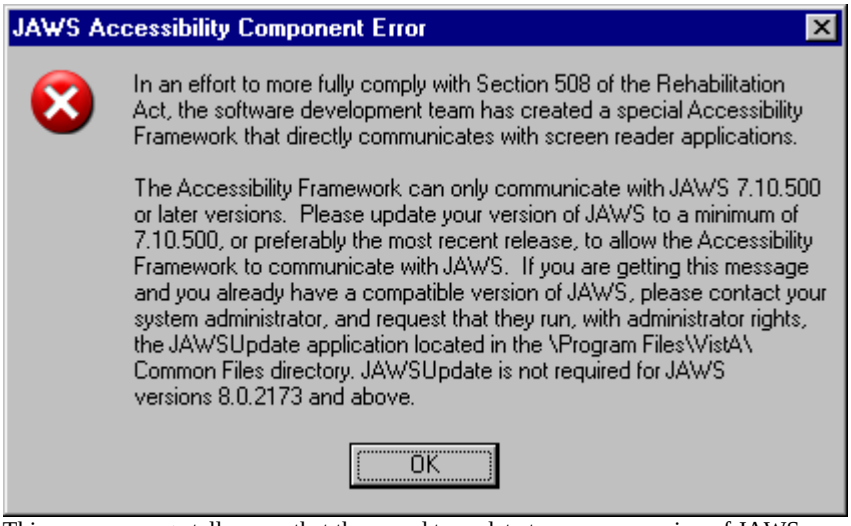
- JAWS.SR - DLL used for communication between JAWS and CPRS
- JAWSUPDATE.EXE - Used to update JAWS 7.1 to work with the component
- VA508APP.jcf - JAWS configuration file
- VA508APP.JSS - JAWS script file
- VA508JAWS.jss - JAWS script file
- VA508JAWSDispatcher - Application used for communication between JAWS and multiple applications using the JAWS.SR DLL
- VA508APP.jkm - JAWS keyboard mapping file
- VA508JAWS.jsd - Documentation companion file to the VA508JAWS.jss script file
- Vcredist_x86.exe is the Microsoft Visual C++ 2005 Redistributable. It is called by JAWSUpdate.exe.

To use the accessibility features, a user must copy these files into Program Files\Vista\Common Files, which is normally found on the workstation at C:\Program Files\Vista\Common Files. If the workstation is running JAWS 8.0.2173 or higher, nothing further is required.

If the workstation is running an earlier version of JAWS 8.0, or JAWS 7.1.500, the user must go to Program Files\Vista\Common Files and run JAWSUpdate.exe. JAWSUpdate installs a COM object for compatibility with these versions.

Note: You must have administrative rights on the machine to run JAWSUpdate.exe.

If the workstation is running a version of JAWS that is older than v 7.1.500, the new accessibility features in CPRS will not function. CPRS will function as it did without these changes, but the following error message will display:



This error message tells users that they need to update to a newer version of JAWS.

New Accessibility Framework

Beginning with CPRS v.27 (OR*3.0*243), a new Accessibility Framework was created in CPRS. This includes a new Delphi component, scripts, and other files that enable JAWS and CPRS to work better together. The new component can be used by other developers creating graphical user interface (GUI) applications. The Office of Information Health Data & Informatics (HDI) has custody of this component. To find out more about the component, please contact VHA OI HDI Section 508 Mail group.

Glossary

CPRS	Computerized Patient Record System, the **V***IST***A** package (in both GUI and character-based formats) that provides access to most components of the patient chart.
ASU	Authorization/Subscription Utility, a **V***IST***A** application (initially released with TIU) that allows VAMCs to assign privileges such as who can do what in ordering, signing, releasing orders, etc.
Chart Contents	The various components of the Patient Record, equivalent to the major categories of a paper record; for example, Problem List, Progress Notes, Orders, Labs, Meds, Reports, etc. In CPRS, these components are listed at the bottom of the screen, to be selected individually for performing actions.
Consults	Consult/Request Tracking, a **V***IST***A** product that is also part of CPRS (it can function as part of CPRS, independently as a standalone package, or as part of TIU). It's used to request and track consultations or procedures from one clinician to another clinician or service.
Cover Sheet	A screen of the CPRS patient chart that displays an overview of the patient's record.
CWAD	Crises, Warnings, Allergies/Adverse Reactions, and Directives. These are displayed on the Cover Sheet of a patient's computerized record, and can be edited, displayed in greater detail, or added to. *See Patient Postings.*
D/C Summary	Discharge Summary; see below.
Discharge Summary	A component of TIU that can function as part of CPRS, Discharge Summaries are recapitulations of a patient's course of care while in the hospital.
GUI	Graphical User Interface—a Windows-like screen with pull-down menus, icons, pointer device, etc.
Health Summary	A **V***IST***A** product that can be viewed through CPRS, Health Summaries are components of patient information extracted from other **V***IST***A** applications.
Imaging	A **V***IST***A** product that is also a component of CPRS; it includes Radiology, X-rays, Nuclear Medicine, etc.

Notifications	Alerts regarding specific patients that appear on the CPRS patient chart. They can be responded to through "VA View Alerts."
OE/RR	Order Entry/Results Reporting, a **V***IST***A** product that evolved into the more comprehensive CPRS.
Order Checking	A component of CPRS that reviews orders as they are placed to see if they meet certain defined criteria that might cause the clinician placing the order to change or cancel the order (e.g., duplicate orders, drug-drug/diet/lab test interactions, etc.).
PCMM	Patient Care Management Module, a **V***IST***A** product that manages patient/provider lists.
Patient Postings	A component of CPRS that includes messages about patients; an expanded version of CWAD (see above).
Progress Notes	A component of TIU that can function as part of CPRS.
Quick Orders	Quick Orders allow you to enter many kinds of orders without going through as many steps. They are types of orders that physicians have determined to be their most commonly ordered items and that have standard collection times, routes, and other conditions.
Reports	A component of CPRS that includes Health Summary, Action Profile, and other summarized reports of patient care.
TIU	Text Integration Utilities; a package for document handling, that includes Consults, Discharge Summary, and Progress Notes, and will later add other document types such as surgical pathology reports. TIU components can be accessed for individual patients through the CPRS, or for multiple patients through the TIU interface.
VISN	Veterans Information System Network, the regional organizations for managing computerization within a region.
V*IST***A**	Veterans Information Systems Technology Architecture, the new name for DHCP.

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