



Clinical Reminders

Version 2.0

TECHNICAL MANUAL

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Health Data Systems
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Introduction

Overview: Enhancements and Benefits of Clinical Reminders V. 2.0

Clinical Reminders V. 2.0 (PXR*2.0) adds four *new* IHD reminder definitions, two *modified* reminder definitions, modified reminder dialogs, reminder taxonomies, and reminder terms and health factors to support Phase II of the IHD project. It also redistributes three Mental Health reminder definitions, along with the reminder dialogs, reminder taxonomies, and reminder terms, and health factors to support Phase II of the MH project.

Phase II contains compliance reporting and rollup functionality for the reminders distributed in Phase I.

Also included in version 2:

- Functionality for Health Information Portability & Accountability Act (HIPAA) CSV (Code Set Versioning)
- Functionality for VA-GEC (Geriatric Extended Care)
- Corrections for problems reported in NOIS
- Improved reminders evaluation functionality
- Race and Ethnicity Computed Findings
- Hypertension reminders
- Iraq & Afghan Post-Deployment Screening reminders

Introduction, cont'd

Benefits of PXR V. 2.0 (cont.)

Changes in Clinical Reminders V. 2.0

See the Install or Setup Guides for an overview of the major changes in the Clinical Reminders (PXR) V. 2.0 software,

Introduction, cont'd

Purpose of This Guide

This Technical Manual is designed to help your site implement and maintain Clinical Reminders V. 2.0. It includes detailed information such as system requirements, file descriptions, and routine descriptions.

Our Target Audience

We have developed this guide for the following individuals, who are responsible for installing, supporting, maintaining, and testing this package:

- Information Resources Management (IRM)
- Clinical Application Coordinator (CAC) – called Application Package Coordinator (ADPAC) at some sites
- Enterprise *VISTA* Support (EVS)
- Software Quality Assurance (SQA)

Other Sources of Information



TIP:

Bookmark these sites for future reference.

Refer to the Web sites listed below when you want to receive more background and technical information about PXR V. 2.0, and to download this manual and related documentation.

Background/Technical Information

From your Intranet, enter <http://vista.med.va.gov/reminders/> in the Address field to access the Clinical Reminders Main Web page.

This Manual and Related Documentation

From your Intranet, enter <http://www.va.gov/vdl> in the Address field to access this manual, and those listed below, from the *VISTA* Documentation Library (VDL).

- Installation Guide
- Clinician Guide
- Setup Guide
- Manager's Manual

Introduction, cont'd

Documentation Retrieval Process



TIP:

Bookmark these sites for future reference.

Your site can also retrieve the Clinical Reminders V. 2.0 documentation listed below from the following FTP addresses. The preferred method is to “FTP” the files from download.vista.med.va.gov. This location automatically transmits files from the first available FTP Server to the appropriate directory on your system. (See the order listed below under the FTP Address column).

Note: If you prefer, you can retrieve the software *directly* from one of the FTP Servers, listed below, under the FTP Address column.

FTP Addresses Available for Downloading PXR V. 2.0 Documentation

OI Field Office	FTP Address	Directory
Albany	ftp.fo-albany.med.va.gov	anonymous.software
Hines	ftp.fo-hines.med.va.gov	anonymous.software
Salt Lake City	ftp.fo-slc.med.va.gov	anonymous.software

Clinical Reminders V. 2.0 Documentation and Related File names

Documentation	Documentation File name
Installation Guide	PXRM_2_IG.PDF
Technical Manual	PXRM_2_TM.PDF
Clinician Guide	PXRM_2_UM.PDF
Setup Guide	PXRM_2_SG.PDF
Manager’s Manual	PXRM_2_MM.PDF

Implementation and Maintenance

IMPORTANT:
See the Clinical Reminders V2.0 Setup Guide (PXRM_2_SG.PDF) for detailed implementation instructions

Implementation and maintenance of Clinical Reminders occur several ways:

1. By integration with other applications:
 - CPRS
 - Health Summary
 - Patient Care Encounter (PCE)

Management of Clinical Reminders includes coordinating with these other entities. This linkage should remain transparent to users, but will require setup and coordination by the IRM office and Clinical Coordinators. See the technical and user manuals of those packages for implementation instructions.

2. By setting site parameters with options on the Manager Menu and the CPRS Coversheet option.
3. By allocating menus and options (see the Menus and Options section).
4. By user customization through CPRS GUI Coversheet options.

Implementation and Maintenance

Patch 12, Index Global

The Clinical Reminders index global has been designed to provide an index of clinical data, which, in turn, supports rapid access to the data.

See the documentation for Patch 12 for information about installing and running the index global utility, as well as potential error messages and their resolution.

Journaling

The Office of Information recommends that journaling be disabled on the PXRMINDEX global while it is being built and until the historical index seeding is completed.

Once all the indexes are completed, journaling of the PXRMINDEX should be **ENABLED**.

Before installing PXRМ*2.0, make sure that the index global utility has completed its population of all the indexes included in PXRМ*1.5*12.

When PXRМ*1.5*12 is installed, it creates a new option, PXRМ INDEX MANAGEMENT, which is a menu containing PXRМ INDEX BUILD and PXRМ INDEX COUNT. Use the option PXRМ INDEX BUILD to start the indexing or to rebuild any part of the index.

The index building utility populates the indexes by indexing the existing data. It works its way through the entire global, putting entries in the index for each piece of unique patient data it finds.

Although the index can be recreated from the original data at any time, the Office of Information recommends that journaling be enabled on the PXRMINDEX global after the historical index seeding is completed.

When the index utility finishes indexing a particular global, it sets the following three nodes:

```
^PXRMINDEX(FILE NUMBER,"GLOBAL NAME")=$GET1^DID(FILE
NUMBER,"","","GLOBAL NAME")
^PXRMINDEX(FILE NUMBER,"BUILT BY")=DUZ
^PXRMINDEX(FILE NUMBER,"DATE BUILT")=$NOW^XLFT
```

In addition to providing information about who built the index and when it got populated, these nodes can be used to determine when the index is complete and ready for use.

Implementation & Maintenance

Clinical Reminders Manager Menu

The Clinical Reminders Manager Menu contains these options for implementing and maintaining Clinical Reminders.

```
Clinical Reminders Management Menu [PXRM MANAGERS MENU]
CF   Reminder Computed Finding Management ...[PXRM
    CRL   Computed Finding List
    CFE   Computed Finding Edit
RM   Reminder Definition Management ... [PXRM
    REMINDER MANAGEMENT]
    RL   List Reminder Definitions
    RI   Inquire about Reminder Definition
    RE   Add/Edit Reminder Definition
    RC   Copy Reminder Definition
    RA   Activate/Inactivate Reminders
    RH   Reminder Edit History
SM   Reminder Sponsor Management [PXRM SPONSOR
    MANAGEMENT]
    SL   List Reminder Sponsors
    SI   Reminder Sponsor Inquiry
    SE   Edit Reminder Sponsor
TXM  Reminder Taxonomy Management ... [PXRM TAXONOMY
    MANAGEMENT]
    TL   List Taxonomy Definitions
    TI   Inquire about Taxonomy Item
    TE   Edit Taxonomy Item
    TC   Copy Taxonomy Item
    TX   Selected Taxonomy Expansion
TRM  Reminder Term Management ... [PXRM TERM
    MANAGEMENT]
    TL   List Reminder Terms
    TI   Inquire about Reminder Term
    TE   Reminder Term Edit
    TC   Copy Reminder Term
LM   Reminder Location List Management ... [PXRM
    LOCATION LIST MANAGEMENT]
    LL   List Location Lists
    LI   Location List Inquiry
    LE   Edit Location List
RX   Reminder Exchange [PXRM REMINDER EXCHANGE]
RT   Reminder Test [PXRM REMINDER TEST]
OS   Other Supporting Menus ... [PXRM OTHER
    SUPPORTING MENUS]
    TM   PCE Table Maintenance ...
    PC   PCE Coordinator Menu ...
    HS   Health Summary Coordinator's Menu ...
    EF   Print Blank Encounter Forms ...
    QO   Enter/edit quick orders
INFO Reminder Information Only Menu ... [PXRM INFO
    ONLY]
    RL   List Reminder Definitions
    RI   Inquire about Reminder Definition
    TXL  List Taxonomy Definitions
    TXI  Inquire about Taxonomy Item
    TRL  List Reminder Terms
    TRI  Inquire about Reminder Term
    SL   List Reminder Sponsors
```

Implementation & Maintenance

DM **Reminder Dialog Management ... [PXRM DIALOG MANAGEMENT]**
 DP Dialog Parameters ...
 RS Reminder Resolution Statuses
 HR Health Factor Resolutions
 FP General Finding Type Parameters
 FI Finding Item Parameters
 TD Taxonomy Dialog Parameters
 DI Reminder Dialogs
 DR Dialog Reports
 OR Reminder Dialog Elements Orphan Report
 ER Empty Reminder Dialog Report
 IA Inactive Codes Mail Message

CP **CPRS Reminder Configuration [PXRM CPRS CONFIGURATION]**
 CA Add/Edit Reminder Categories
 CL CPRS Lookup Categories
 CS CPRS Cover Sheet Reminder List
 MH Mental Health Dialogs Active
 PN Progress Note Headers
 RA Reminder GUI Resolution Active
 DL Default Outside Location
 PT Position Reminder Text at Cursor
 NP New Reminder Parameters
 GEC GEC Status Check
 WH WH Print Now Active

RP **Reminder Reports ... [PXRM REMINDER REPORTS]**
 D Reminders Due Report
 R Reminders Due Report (User)
 U User Report Templates
 T Extract EPI Totals
 L Extract EPI List by Finding and SSN
 Q Extract QUERI Totals
 V Review Date Report
 G GEC Referral Report

MST **Reminders MST Synchronization Management ... [PXRM MST MANAGEMENT]**
 SYN Reminders MST Synchronization
 REP Reminders MST Synchronization Report

PL **Reminder Patient List Menu ... [PXRM PATIENT LIST MENU]**
 LRM List Rule Management
 PLM Patient List Management

PAR **Reminder Parameters ... [PXRM REMINDER PARAMETERS]**
 ESD Edit Site Disclaimer
 EWS Edit Web Sites

XM **Reminder Extract Management [PXRM EXTRACT MENU]**
 MA Reminder Extract Management
 EP Extract Parameter Management
 EF Extract Finding Management
 EG Extract Finding Group Management
 LR List Rule Management

GEC **GEC Referral Report [GEC REFERRAL REPORT]**

Implementation & Maintenance

Post-Installation

1. Review MailMan messages

The installation generates several MailMan messages that will be sent to members of the Clinical Reminders mail group defined in file #800. The mail group should already be set up at all the sites.

- The first message flags all reminders using the old-style MRD. It is obsolete and will be removed in a subsequent patch, so local reminders using the old-style MRD should be changed to use the new function finding. See example in Install Guide.
- The other four messages are related to code set versioning. Their purpose is to inform you of inactive codes in reminder dialogs and in taxonomy-selectable diagnosis and procedures. These code set messages will normally be triggered by the installation of a new code set, but the messages are being triggered as part of v2.0 so that you can get a head start in cleaning up dialogs and taxonomy selectable codes.

2. Note the following changes to reminders

- National Reminders are being inactivated, since many are obsolete. If your site wishes to continue using any of the current national reminders, please copy and rename them.
- Historical entries are no longer flagged with an "E" following their date in the test option output, and are not shown as historical in the clinical maintenance output.
- The Lab test names that are displayed now come directly from the Laboratory Test file. In v1.5 the national lab test name was displayed, so what you see for the name of the test may no longer match.
- With the global indexes (installed with PXR*1.5*12), we are able to make a more thorough search of the Patient Treatment File (PTF), plus we have included movement nodes for the first time. This means that for a taxonomy finding, you may find a result from PTF instead of the result from V POV or Problem List that is in your archived finding. As long as the PTF result is valid and newer than the archived result, this is okay.
- The FileMan text formatter has been replaced with our own (for use in "Found" and "Not Found" text, as well as in dialogs). This gives better control over the formatting and it is considerably faster than the FileMan call. "\\\" can be used to force a line break. NOTE:
 can be used to force line breaks in dialogs.
- In an effort to speed up taxonomy evaluation in v2.0, taxonomy expansions are loaded into memory. Evaluation in v1.5 required continual disk access, which is much slower. The upper limit for memory storage seems to be around 5,000 codes. If a large taxonomy is necessary, it could be split into pieces and included in a Reminder term.

Routine Information

Routines Installed

Namespace: *PXRM*

XUPRROU (List Routines) prints a list of any or all of the PXRM routines. This option is found on the XUPR-ROUTINE-TOOLS menu on the XUPROG (Programmer Options) menu, which is a sub-menu of the EVE (Systems Manager Menu) option. See the list of checksums in Appendix B.

```
Select Systems Manager Menu Option: programmer
Options

Select Programmer Options Option: routine Tools

Select Routine Tools Option: list Routines
Routine Print
Want to start each routine on a new page: No//
[ENTER]

routine(s) ? > PXRM*
```

The first line of each routine contains a brief description of the general function of the routine. Use the Kernel option XU FIRST LINE PRINT (First Line Routine Print) to print a list of just the first line of each xxx subset routine.

```
Select Systems Manager Menu Option: programmer Options

Select Programmer Options Option: routine Tools

Select Routine Tools Option: First Line Routine Print
PRINTS FIRST LINES

routine(s) ? > PXRM*
```

Files and Globals List

Files in Clinical Reminders V. 2.0



TIP:

The namespace for the Clinical Reminders package is PXRMD and the primary global is ^PXRMD.

NOTE: The Clinical Reminders index global (^PXRMINDEX) was installed with PXRMD*1.5*12. It was designed to provide an index of clinical data, which, in turn, supports rapid access to the data. Journaling of PXRMINDEX is NOT required, because the index can be rebuilt, if necessary. See the PXRMD_1_5_12_TM.PDF for more information.

Clinical Reminders V. 2.0 installs the following files. Journaling is recommended.

The highlighted files are new with V2.0.

Global	Name
^PXRMD(800	CLINICAL REMINDER PARAMETERS
^PXRMD(801.41	REMINDER DIALOG
^PXRMD(801.42	REMINDER GUI PROCESS
^PXRMD(801.43	REMINDER FINDING ITEM PARAMETER
^PXRMD(801.45	REMINDER FINDING TYPE PARAMETER
^PXRMD(801.5	REMINDER DIALOG PATIENT ASSOCIATION
^PXRMD(801.9	REMINDER RESOLUTION STATUS
^PXRMD(801.95	HEALTH FACTOR RESOLUTION
^PXRMD(802.4	REMINDER FUNCTION FINDING
^PXRMD(810.1	REMINDER REPORT TEMPLATE
^PXRMD(810.2	REMINDER EXTRACT PARAMETERS
^PXRMD(810.3	REMINDER EXTRACT SUMMARY
^PXRMD(810.4	REMINDER LIST RULE
^PXRMD(810.5	REMINDER PATIENT LIST
^PXRMD(810.7	REMINDER EXTRACT FINDING RULE
^PXRMD(810.8	REMINDER FINDING GROUP
^PXRMD(810.9	REMINDER LOCATION LIST
^PXD(811.2	REMINDER TAXONOMY
^PXD(811.3	EXPANDED TAXONOMIES
^PXRMD(811.4	REMINDER COMPUTED FINDINGS
^PXRMD(811.5	REMINDER TERM
^PXRMD(811.6	REMINDER SPONSOR
^PXRMD(811.7	REMINDER CATEGORY
^PXD(811.8	REMINDER EXCHANGE
^PXD(811.9	REMINDER DEFINITION

Note: You can learn more about these files by generating a list with file attributes using VA FileMan.

File Descriptions

File #	File Name	File Description
800	CLINICAL REMINDER PARAMETERS	This file is used to define local parameters for maximum # of index errors, reminder management mail groups, health summary clinical maintenance disclaimers, SSN (full or truncated), MST synchronization, and websites. The file is exported with one entry that contains parameters used by Clinical Reminders.
801.41	REMINDER DIALOG	This file is used to define all of the components that work together to define a reminder dialog. Reminder dialog definitions are used by the CPRS GUI for reminder resolution.
801.42	REMINDER GUI PROCESS	This file summarizes GUI functionality that has been created for particular dialog processing on the GUI side. The GUI functionality can be associated with an entry in the Reminder Dialog file.
801.43	REMINDER FINDING ITEM PARAMETER	This file is used to predefine a preferred dialog element or dialog group to represent a reminder finding item. Auto-generation of a reminder dialog from the reminder definition uses the dialog in this file in preference to using the Finding Type Parameter's prefix and suffix to create a sentence. The finding items are restricted to finding types that can be used to resolve the reminder from the CPRS GUI. This file is for local use only. It does not contain any nationally distributed entries. Local entries in this file are not exchanged with other sites via the reminder exchange tool.
801.45	REMINDER FINDING TYPE PARAMETER	This file is used by the process that generates reminder dialogs for a reminder. During this process, for each reminder finding item in a reminder definition, one or more dialog elements are created depending on the Finding Type parameters in this file. The file content is distributed with the package but may be edited by sites to reflect how the site uses PCE data. The site can alter the pre-defined prefix and suffix text used to create sentences. The site can also disable creation of sentences for specific types of resolution statuses (e.g., Disable creation of education refused for an education topic because the site prefers to use Health Factors to represent refusals). The entries distributed in this file may not be deleted and new entries may not be added locally.

File Descriptions

File #	File Name	File Description
801.5	REMINDER DIALOG PATIENT ASSOCIATION	<i>New</i> This file contains a small amount of static data. Entries are entered and removed as Reminder Dialogs are processed by the CPRS GUI. Its main purpose is to keep track of and supply an Encounter Date/Time to the GUI interface so that the date/time can be later added to fields in the V HEALTH FACTOR file.
801.9	REMINDER RESOLUTION STATUS	This file defines the resolution statuses that may be related to a finding. National resolution statuses are distributed in this file, but sites may create local resolution statuses. If local resolutions are defined, they must be mapped to a national resolution status. The national resolution statuses are used by the process that creates dialog sentences for finding items. The distributed national resolution statuses may not be deleted.
801.95	HEALTH FACTOR RESOLUTION	This file defines the resolution statuses that should be related to a particular health factor. The resolution status can be derived for most patient findings (visit file helps determine done and historical). In order to know the appropriate resolution statuses for a health factor, they must be defined in this file. This file is for local use. No health factor resolution statuses are distributed in this file.
802.4	REMINDER FUNCTION FINDING	<i>New</i> Functional findings operate on data from standard findings and return computed data. They can be used in patient cohort logic and resolution logic.
810.1	REMINDER REPORT TEMPLATE	This file is used by the reminder reports options only. For each type of report (e.g. Reminders Due) selection parameters used in a report may be saved as a template when the report is being run. When running reports, the user may opt to retrieve parameters from an existing template as the basis of a new report. Templates may be modified, renamed, copied or deleted from the reminder report options. The parameters for the reminder reports consist of a patient sample (e.g. PCMM team) from which a patient list is built and also a list of reminders to be evaluated for each selected patient. The field names in the template file correspond to the local variable and array names used in the print routines.

File Descriptions

File #	File Name	File Description
810.2	REMINDER EXTRACT PARAMETERS	<p><i>New</i> QUERI project extracts of national data for rollup to the Austin Automation Center are based on the parameters in this file. Each QUERI project extract has a single parameter entry which defines the frequency and type of extract. The extract type may be either compliance totals, finding totals or both.</p> <p>The extract parameter also contains the list rules (#810.4) used to build lists of patients and the reminders to be evaluated for the extract compliance totals. If finding totals are required then finding rules (#810.7) to define which reminder terms to collect are also defined.</p> <p>Data from the extract is stored in the extract summary file (#810.3) and patient lists are saved in the patient list file (#810.5). HL7 messages containing the extract data from the extract summary (#810.3) are passed to the HL7 package for transmission to the AAC. Individual patient level data is not extracted. Nationally distributed parameters are prefixed 'VA-' and cannot be modified by site.</p>
810.3	REMINDER EXTRACT SUMMARY	<p><i>New</i> This file stores findings found for a specific extract. The extract entries are read-only and may be selected by number or extract name. Extract summary reports of compliance are generated by monthly extract runs. These extract summary reports detail the information transmitted to the central repository. For a selected extract type (e.g. VA-IHD QUERI or VA-MH QUERI), the extract parameters, which control the extract frequency and content, may be displayed or printed.</p> <p>Extracts and transmissions for a selected prior period may be initiated manually from Extract Summary options. Existing extracts may also be re-transmitted, if required.</p>
810.4	REMINDER LIST RULE	<p><i>New</i> This file is used by QUERI Extracts in building patient lists. The file is also used by the Patient List option to create patient lists.</p> <p>There are three types of record in the file:</p> <ul style="list-style-type: none"> Patient List Rules - define an existing patient list Finding Rules - define reminder terms Rule Sets- contain both Finding and Patient List rules

File Descriptions

File #	File Name	File Description
810.5	REMINDER PATIENT LIST	<i>New</i> Patient lists in this file are created as part of the automatic periodic QUERI Extract run. This type of patient list is retained for 5 years. The reminders due report also allows patient lists to be created.
810.7	REMINDER EXTRACT FINDING RULE	<i>New</i> This file is referenced by the extract parameters (#810.2) to define groups of finding totals that should be extracted for reminders defined in the extract parameters. Nationally distributed extract finding rules are prefixed 'VA-' and cannot be modified by site.
810.8	REMINDER FINDING GROUP	<i>New</i> Finding groups are referenced by the QUERI extract parameters. Each group defines reminder terms and type of count to be totalled by the extract process. Nationally distributed groups are prefixed 'VA-' and cannot be modified by a site.
810.9	REMINDER LOCATION LIST	<i>New</i> This file contains lists of stop codes and hospital locations for use as reminder findings. The stop codes and hospital locations are those associated with a Visit file entry.
811.2	REMINDER TAXONOMY	This file stores the Clinical Reminder taxonomies. A taxonomy is a way to give a name to a set of codes. These codes can be ICD Diagnosis, ICD Operation/ Procedure or CPT. This file contains a combination of nationally distributed and local entries. Any local entries are assigned an internal entry number prefixed with your site number. Nationally distributed entries have their name prefixed with VA-. Local entry names cannot start with VA-.
811.3	EXPANDED TAXONOMIES	This file contains expanded taxonomies. It is used as a data cache so the expansion does not need to be continuously done. The expansion is rebuilt whenever a taxonomy is edited or one of the source files has changed since the expansion was last done. The source files are ICD0, ICD9, and ICPT. Entries in this file should never be set by hand.

File Descriptions

File #	File Name	File Description
811.4	REMINDER COMPUTED FINDINGS	<p>When none of the standard finding types will work, a computed finding can be created. There are two steps in creating a computed finding: First a MUMPS routine must be written. Information about how to do this can be found in the Clinical Reminders Manager Manual. The second step is to make an entry in this file, which contains a list of reminder computed findings.</p> <p>This file contains a combination of nationally distributed and local entries. Nationally distributed entries have their name prefixed with VA-. Local entry names cannot start with VA-.</p>
811.5	REMINDER TERM	<p>This file defines terms that may be used within reminder definitions. Reminder terms are useful for national reminders involving findings that are based on local file definitions (e.g., laboratory test, drug file, radiology). National reminder terms have limited editing capabilities which allow sites to map their local finding items to a term. Sites may create local reminder terms, providing an easy way to group a variety of findings and treat them the same way in a reminder. When a reminder with terms is evaluated, the finding items mapped to the term are used to find the patient data, but the patient data is reported based on the term the data is mapped to. The most recent true finding will be used to represent the term.</p> <p>This file contains a combination of national, local, and VISN level terms. Any local terms are assigned an internal entry number prefixed with your site number. Nationally distributed entries will have a Term Type of "National".</p>
811.6	REMINDER SPONSOR	<p>This file contains the names of groups or organizations that are sponsors of reminder components such as definitions, terms, and dialogs. Entries cannot be edited using FileMan; you must use the Reminder Sponsor Edit option.</p>

File Descriptions

File #	File Name	File Description
811.7	REMINDER CATEGORY	<p>This file contains reminder categories. Reminder categories are created at each site and are not released with the reminder package.</p> <p>A reminder category is a list of reminders (or other reminder categories) and is used to group reminders for display in the CPRS GUI.</p> <p>Reminder categories are allocated to individual users, locations, service, or system using the option PXRMR CPRS LOOKUP CATEGORIES.</p>
811.8	REMINDER EXCHANGE	<p>The Reminder Exchange File is used to store packed reminder definitions.</p> <p>Entries in this file should never be edited.</p>
811.9	REMINDER DEFINITION	<p>This file contains Clinical Reminder definitions. For a detailed description of the contents of this file, see the Clinical Reminders Manager Manual. Additional information may be found at the Clinical Reminders web site: http://vista.med.va.gov/reminders</p> <p>This file contains a combination of nationally distributed and local entries. Any local entries are assigned an internal entry number prefixed with your site number. Nationally distributed entries have their name prefixed with VA-. Local entry names cannot start with VA-.</p>

Exported Menus and Options

This table shows top-level menus; sub-menus are described in the Description column. Highlighted menus are new with Clinical Reminders V2.0.

Option	Option Name	Syn	Description
Reminder Computed Finding Management	PXRM CF MANAGEMENT	CF	This option provides tools for viewing or editing reminder computed findings.
Reminder Definition Management	PXRM REMINDER MANAGEMENT	RM	This menu contains options for creating, copying, and editing reminder definitions, as well as the options for maintaining the parameters used by CPRS for reminder processing.
Reminder Sponsor Management	PXRM SPONSOR MANAGEMENT	SM	A Reminder Sponsor is the organization or group that sponsors a Reminder Definition, such as the Office of Quality and Performance. Options on this menu let you view, define, or edit Reminder Sponsors.
Reminder Taxonomy Management	PXRM TAXONOMY MANAGEMENT	TX M	The REMINDER TAXONOMY file is used to define a range of coded values from ICD Diagnosis codes, ICD Operation/Procedures codes, and CPT codes that can be viewed as being part of a clinical category (taxonomy). Each entry has a low value and a high value. The software will search for matches on all the codes between the low and high values inclusive. If there is a match then the taxonomy finding will be true for the patient. This menu contains options for copying, editing taxonomies, as well as listing and inquiring about specific taxonomies.
Reminder Location List Management	PXRM LOCATION LIST MANAGEMENT		Location Lists are a new kind of reminder finding, that allow you to use a list of patients for a stop code or hospital location in a reminder definition. The stop codes and hospital locations are those associated with a Visit file entry.

Exported Menus and Options

Option	Option Name	Syn	Description
Reminder Term Management	PXRM TERM MANAGEMENT	TR	This menu allows you to edit, map, and view reminder terms.
Reminder Exchange	PXRM REMINDER EXCHANGE	RX	This option allows sites to exchange reminder definitions, dialogs, and other reminder components via MailMan messages and host files.
Reminder Test	PXRM REMINDER TEST	RT	This utility helps you test and troubleshoot your reminders when you create them or when you have problems.
Other Supporting Menus	PXRM OTHER SUPPORTING MENUS		This option contains menus from related packages such as PCE and Health Summary.
Reminder Information Only Menu	PXRM INFO ONLY	INFO	This menu provides information-only options for users who need information about reminders but do not need the ability to make changes.
Reminder Dialog Management	PXRM DIALOG MANAGEMENT	DM	This menu allows maintenance of the parameters used by CPRS for reminder dialog processing.
CPRS Reminder Configuration	PXRM CPRS CONFIGURATION	CP	This menu allows maintenance of the reminder parameters used by CPRS for reminder processing.
Reminder Reports	PXRM REMINDER REPORTS	RP	This is a menu of Clinical Reminder reports that clinicians can use for summary and detailed level information about patients' due and satisfied reminders. This option also contains reports that clinical coordinators can use to assign menus to specific users.
Reminder Patient List Menu	PXRM PATIENT LIST MENU		This menu contains options to manage list rules and patient lists that are used primarily for reminder extracts that transmit data to the Austin Automation Center IHD and MH QUERI databases. These patient lists can also be used for local purposes.
Reminders MST Synchronization Management	PXRM MST MANAGEMENT	MST	This option provides the Clinical Reminders MST management options. The EPI extract finding list and total options are specific to the Hepatitis C Extract project. The extracted data is based on the following reminders: VA-HEP C RISK ASSESSMENT, VA-NATIONAL EPI LAB EXTRACT, and VA-NATIONAL EPI RX EXTRACT.

Exported Menus and Options

Option	Option Name	Syn	Description
Reminder Parameters	PXRM REMINDER PARAMETERS	PAR	This menu contains the options, Edit Site Disclaimer and Edit Web Sites, which allow you to modify the parameters for these items.
Reminder Extract Management	PXRM EXTRACT MENU	EXT	This option manages the extract summary reports of compliance generated by the monthly extract runs. These extract summary reports detail the information transmitted to the central repository.
GEC Referral Report	PXRM GEC REFERRAL REPORT	GEC	This is the option that is used to generate GEC Reports. GEC (Geriatrics Extended Care) is used for referral of geriatric patients to receive further care.

Exported Menus and Options

```
Clinical Reminders Management Menu [PXRM MANAGERS MENU]
CF   Reminder Computed Finding Management ... [PXRM CF MANAGEMENT]
    CRL   Computed Finding List
    CFE   Computed Finding Edit
RM   Reminder Definition Management ... [PXRM REMINDER MANAGEMENT]
    RL    List Reminder Definitions
    RI    Inquire about Reminder Definition
    RE    Add/Edit Reminder Definition
    RC    Copy Reminder Definition
    RA    Activate/Inactivate Reminders
    RH    Reminder Edit History
SM   Reminder Sponsor Management [PXRM SPONSOR MANAGEMENT]
    SL    List Reminder Sponsors
    SI    Reminder Sponsor Inquiry
    SE    Edit Reminder Sponsor
TXM  Reminder Taxonomy Management ... [PXRM TAXONOMY MANAGEMENT]
    TXL   List Taxonomy Definitions
    TXI   Inquire about Taxonomy Item
    TE    Edit Taxonomy Item
    TC    Copy Taxonomy Item
    TX    Selected Taxonomy Expansion
TRM  Reminder Term Management ... [PXRM TERM MANAGEMENT]
    TL    List Reminder Terms
    TI    Inquire about Reminder Term
    TE    Reminder Term Edit
    TC    Copy Reminder Term
LM   Reminder Location List Management ... [PXRM LOCATION LIST MANAGEMENT]
    LL    List Location Lists
    LI    Location List Inquiry
    LE    Edit Location List
RX   Reminder Exchange [PXRM REMINDER EXCHANGE]
RT   Reminder Test [PXRM REMINDER TEST]
OS   Other Supporting Menus ... [PXRM OTHER SUPPORTING MENUS]
    TM    PCE Table Maintenance ...
    PC    PCE Coordinator Menu ...
    HS    Health Summary Coordinator's Menu ...
    EF    Print Blank Encounter Forms ...
    QO    Enter/edit quick orders
INFO Reminder Information Only Menu ... [PXRM INFO ONLY]
    RL    List Reminder Definitions
    RI    Inquire about Reminder Definition
    TL    List Taxonomy Definitions
    TI    Inquire about Taxonomy Item
    TRL   List Reminder Terms
    TRI   Inquire about Reminder Term
    SL    List Reminder Sponsors
```

Clinical Reminders Management Menu, cont'd

DM	Reminder Dialog Management ... [PXRM DIALOG MANAGEMENT]
DP	Dialog Parameters ...
RS	Reminder Resolution Statuses
HR	Health Factor Resolutions
FP	General Finding Type Parameters
FI	Finding Item Parameters
TD	Taxonomy Dialog Parameters
DI	Reminder Dialogs
DR	Dialog Reports
OR	Reminder Dialog Elements Orphan Report
ER	Empty Reminder Dialog Report
IA	Inactive Codes Mail Message
CP	CPRS Reminder Configuration [PXRM CPRS CONFIGURATION]
CA	Add/Edit Reminder Categories
CL	CPRS Lookup Categories
CS	CPRS Cover Sheet Reminder List
MH	Mental Health Dialogs Active
PN	Progress Note Headers
RA	Reminder GUI Resolution Active
DL	Default Outside Location
PT	Position Reminder Text at Cursor
NP	New Reminder Parameters
GEC	GEC Status Check Active
WH	WH Print Now Active
RP	Reminder Reports ... [PXRM REMINDER REPORTS]
D	Reminders Due Report
R	Reminders Due Report (User)
U	User Report Templates
T	Extract EPI Totals
L	Extract EPI List by Finding and SSN
Q	Extract QUERI Totals
V	Review Date Report
G	GEC Referral Report
MST	Reminders MST Synchronization Management ... [PXRM MST MANAGEMENT]
SYN	Reminders MST Synchronization
REP	Reminders MST Synchronization Report
PL	Reminder Patient List Menu ... [PXRM PATIENT LIST MENU]
LRM	List Rule Management
PLM	Patient List Management
PAR	Reminder Parameters ... [PXRM REMINDER PARAMETERS]
ESD	Edit Site Disclaimer
EWS	Edit Web Sites
XM	Reminder Extract Menu [PXRM EXTRACT MENU]
MA	Reminder Extract Management
EP	Extract Parameter Management
EF	Extract Finding Management
EG	Extract Finding Group Management
LR	List Rule Management
GEC	GEC Referral Report [GEC REFERRAL REPORT]

Archiving and Purging

Purging and archiving capabilities are not currently available in Clinical Reminders.

External Relations

Required Packages

Clinical Reminders V. 2.0 requires that the following software is installed and fully patched.

Minimum Required Packages and Versions

Package	Namespace	Minimum Version Needed
Clinical Reminders	PXRM	1.5
CPT	ICPT	6
HL7	HL	1.6
ICD	ICD	20
Kernel	XU	8.0
Lexicon	LEX	2.0
MailMan	XM	8.0
Order Entry/Results Reporting	OR	3.0
Text Integration Utilities	TIU	1.0
VA FileMan	DI	22.0

External Relations

A complete listing of RPCs is available under the DBA menu on Forum.

Remote Procedure Calls (RPCs)

An RPC is a procedure called from the client (the user's workstation) communicating to the server (the M database). Clinical Reminders contains Reminder Dialogs that are used within CPRS, from the Notes tab, thus requiring RPCs to facilitate this communication.

The Database Administrator (DBA) maintains a list of RPCs.

- 1 PXRМ EDUCATION SUBTOPICS
- 2 PXRМ EDUCATION SUMMARY
- 3 PXRМ EDUCATION TOPIC
- 4 PXRМ MENTAL HEALTH
- 5 PXRМ MENTAL HEALTH RESULTS
- 6 PXRМ MENTAL HEALTH SAVE
- 7 PXRМ PROGRESS NOTE HEADER
- 8 PXRМ REMINDER CATEGORIES
- 9 PXRМ REMINDER CATEGORY
- 10 PXRМ REMINDER DETAIL
- 11 PXRМ REMINDER DIALOG
- 12 PXRМ REMINDER DIALOG (TIU)
- 13 PXRМ REMINDER DIALOG PROMPTS
- 14 PXRМ REMINDER EVALUATION
- 15 PXRМ REMINDER INQUIRY
- 16 PXRМ REMINDER RPC
- 17 PXRМ REMINDER WEB
- 18 PXRМ REMINDERS (UNEVALUATED)
- 19 PXRМ REMINDERS AND CATEGORIES

External Relations

Complete integration agreements are under the DBA menu on Forum.

Database Integration Agreements

Non-destructive, read-only component routines have been written to present VISTA ancillary package data.

The package interacts with, and extracts data from many other VISTA software packages. Permission to use data from the other packages is obtained by completing a written integration agreement with each of the other packages.

The Database Administrator (DBA) maintains a list of Integration Agreements (IAs) or mutual agreements between software developers allowing the use of internal entry points or other software-specific features that are not available to the general programming public.

To obtain the current list of IAs, , to which Clinical Reminders is a custodian, do the following:

```
Select Integration Agreements Menu Option: 8 <Enter>
Custodial Package Menu
    1 ACTIVE by Custodial Package
    2 Print ALL by Custodial Package
    3 Supported References Print All
Select Custodial Package Menu Option: 1 <Enter> ACTIVE by
Custodial Package
Select PACKAGE NAME: PXRM
DEVICE: HOME// <Enter> UCX DEVICE Right Margin: 80//
<Enter>
```

Internal Relations

All options are independently invokable.

Package-Wide Variables

SACC EXEMPTIONS LIST

APR 20, 2004 14:10 PAGE 1

CLINICAL REMINDERS

1 STANDARD SECTION: 3A Namespacing
DATE GRANTED: SEP 8, 2003

A request to change sections 2.3.1.10.1 and 2.3.1.10.2 of the SAC so that the requirement for variable name spacing is replaced by a requirement for proper variable scoping has been put before the SACC. Pending approval of that change Clinical Reminders would like to request an exemption from those two sections; instead adhering to using proper scoping.

The reasons why these two sections should be changed have already been given to the SACC, however for convenience we will reiterate some of them here:

Because of the way MUMPS makes the symbol table globally available the only way name spacing of variables offers true protection is if all variables are name spaced. Most programmers would agree that name spacing of all variables would be very cumbersome and laborious. These two sections provide a false sense of security, which in turn can lead to bad programming.

With the eight-character limit for variable names, the name spacing requirement can make it very difficult to give variables meaningful names. For example, if your package name space is four characters you only have four unique characters for variable names.

Lack of meaningful names makes programs harder to understand and subsequently harder to maintain.

Before the new command existed name spacing was a mechanism that helped eliminate some collision in variable names. With the advent of the new command proper variable scoping is easily accomplished and eliminates variable name collision.

Clinical Reminders has gone to great a deal of effort to write safe code that uses proper scoping and to choose meaningful variable names. Clinical Reminders is requesting this exemption so its code can retain these positive attributes.

The Standards and Conventions Committee (SACC) has reviewed these independently. The SACC has voted in favor of the team's request, 11-2-0 (one absent), and recommends approval of their request. The SACC will take immediate action to investigate further the possible need to adapt and/or update or expand our current standard definitions. We will work with the Foundations Team and SEPG to ensure that there are amendable standards that cover all software releases.

2 DATE GRANTED: AUG 11, 2003

Frank Traxler, Programmer, the Standards and Conventions Committee (SACC) has reviewed these independently and discussed them openly on email with GUI SAC historians. The SACC has voted in favor of the Projects' requests, 10-2-1, and recommends approval of their request. The current M SAC must be updated to reflect verbiage that will assist the user in following the process to current utilities that are available. As is, M SAC states "5.4.6.3.1 - A CRC-32 number shall be displayed in the About box using the GetFileCRC32 method in the Xlffileinfo unit. An example of a CRC can be found in the CPRS About box (see 1.4.7 Sample About box)." The SACC has

searched for this GetFileCRC32 method and Xlffileinfo unit and cannot find them anywhere as referenced specifically. These utilities are available from outside source and are being used within source code. The packages are not exempt from the process, just from the specific utility and file until the GUI SAC is rewritten. Definitions: GetFileCRC32 - Calculates a CRC32 value on a given filename. CRC is a "digital fingerprint" of a file, you can use CRC32 to calculate 32-bit checksums.

CRC is displayed in the GUI when you open CPRS and choose "Help About:"

Here's the actual code:

fAbout.pas gets the CRC in the following call I've highlighted:
=====

```
procedure TfrmAbout.FormCreate(Sender: TObject); begin
  inherited;
  lblCompanyName.Caption      := 'Developed by the ' +
FileVersionValue(Application.ExeName, FILE_VER_COMPANYNAME);
  lblFileDescription.Caption  := 'Compiled ' +
FileVersionValue(Application.ExeName, FILE_VER_FILEDESCRIPTION);
  //date
  lblFileVersion.Caption     :=
FileVersionValue(Application.ExeName, FILE_VER_FILEVERSION);
  lblInternalName.Caption    :=
FileVersionValue(Application.ExeName, FILE_VER_INTERNALNAME);
  lblLegalCopyright.Text     :=
FileVersionValue(Application.ExeName, FILE_VER_LEGALCOPYRIGHT);
  lblOriginalFileName.Caption :=
FileVersionValue(Application.ExeName, FILE_VER_ORIGINALFILENAME);
  //patch
  lblProductName.Caption     :=
FileVersionValue(Application.ExeName, FILE_VER_PRODUCTNAME);
  lblComments.Caption       :=
FileVersionValue(Application.ExeName, FILE_VER_COMMENTS); //
version comment
  lblCRC.Caption             := 'CRC: ' +
IntToHex(CRCForFile(Application.ExeName), 8); end;
```

ORFn contains that call:
=====

```
function CRCForFile(AFileName: string): DWORD; const
  BUF_SIZE = 16383; type
  TBuffer = array[0..BUF_SIZE] of Byte; var
  Buffer: Pointer;
  AHandle, BytesRead: Integer; begin
  Result := $FFFFFFFF;
  GetMem(Buffer, BUF_SIZE);
  AHandle := FileOpen(AFileName, fmShareDenyWrite);
  repeat
    BytesRead := FileRead(AHandle, Buffer^, BUF_SIZE);
    Result := UpdateCrc32(Result, TBuffer(Buffer^), BytesRead);
  until BytesRead <> BUF_SIZE;
  FileClose(AHandle);
  FreeMem(Buffer);
Result := not Result; end;
```

Generating Online Documentation

KIDS Build and Install Print Options

Print a list of package components

Use the KIDS Build File Print option if you would like a complete listing of package components (e.g., routines and options) exported with this software. See the example in Appendix C.

```
>D ^XUP
Setting up programmer environment
Terminal Type set to: C-VT100

Select OPTION NAME: XPD MAIN      Kernel Installation &
Distribution System menu

        Edits and Distribution ...
        Utilities ...
        Installation ...

Select Kernel Installation & Distribution System Option: Utilities

        Build File Print
        Install File Print
        Convert Loaded Package for Redistribution
        Display Patches for a Package
        Purge Build or Install Files
        Rollup Patches into a Build
        Update Routine File
        Verify a Build
        Verify Package Integrity

Select Utilities Option: Build File Print

Select BUILD NAME: CLINICAL REMINDERS 2.0
```

Print Results of the Installation Process

Use the KIDS Install File Print option if you'd like to print out the results of the installation process.

```
Select Utilities Option: Install File Print
Select INSTALL NAME: CLINICAL REMINDERS 2.0

DEVICE: HOME// ;;999 ANYWHERE
```

Generating Online Documentation

Other Kernel Print Options

Besides using the Kernel Installation & Distribution (KIDS) options to generate lists of routines, files, etc., you can also use other Kernel options to print online technical information.

Routines

The namespace for the Clinical Reminders package is PXRМ. Use the Kernel option, List Routines [XUPRROU], to print a list of any or all of the Clinical Reminder routines. This option is found on the Routine Tools [XUPR-ROUTINE-TOOLS] menu on the Programmer Options [XUPROG] menu, which is a sub-menu of the Systems Manager Menu [EVE] option.

Example:

```
Select Systems Manager Menu Option: programmer
Options

Select Programmer Options Option: routine Tools

Select Routine Tools Option: list Routines
Routine Print
Want to start each routine on a new page: No// <RET>

routine(s) ?    > PXRМ*
```

The first line of each routine contains a brief description of the general function of the routine. Use the Kernel option, First Line Routine Print [XU FIRST LINE PRINT], to print a list of just the first line of each Health Summary subset routine.

Example:

```
Select Systems Manager Menu Option: programmer
Options

Select Programmer Options Option: routine Tools

Select Routine Tools Option: First Line Routine
Print
PRINTS FIRST LINES

routine(s) ?    > PXRМ*
```

Generating Online Documentation

Globals

The globals used in the package are PXRМ* and PXD*:

Use the Kernel option, List Global [XUPRGL], to print a list of any of these globals. This option is found on the Programmer Options menu [XUPROG], which is a sub-menu of the Systems Manager Menu [EVE] option.

Example:

```
Select Systems Manager Menu Option: programmer Options
Select Programmer Options Option: LIST Global
Global ^PXRМ*
```

Inquire To Option File

The Kernel Inquire option [XUINQUIRE] provides the following information about a specified option(s):

- Option name.
- Menu text.
- Option description.
- Type of option.
- Lock (if any).

In addition, all items on the menu are listed for each menu option.

XINDEX

XINDEX is a routine that produces a report called the VA Cross-Referencer. This report is a technical and cross-reference listing of one routine or a group of routines. XINDEX provides a summary of errors and warnings for routines that do not comply with VA programming standards and conventions, a list of local and global variables and what routines they are referenced in, and a list of internal and external routine calls.

XINDEX is invoked from programmer mode: D ^XINDEX.

When selecting routines, select XXX* .

Generating Online Documentation

Data Dictionaries/ Files

The number-spaces for Clinical Reminders files are 800, 801, 811-. Use the VA FileMan DATA DICTIONARY UTILITIES, option #8 (DILIST, List File Attributes), to print a list of these files. Depending on the FileMan template used to print the list, this option will print out all or part of the data dictionary for the PXR files.

List File Attributes

The FileMan List File Attributes option [DILIST] lets you generate documentation about files and file structure. If you choose the “Standard” format, you can see the following Data Dictionary information for a specified file(s):

- File name and description.
- Identifiers.
- Cross-references.
- Files pointed to by the file specified.
- Files that point to the file specified.
- Input templates.
- Print templates.
- Sort templates.

Example:

```
>D P^DI
VA FileMan 21.0
Select OPTION: DATA DICTIONARY UTILITIES
Select DATA DICTIONARY UTILITY OPTION: LIST FILE
ATTRIBUTES
  START WITH WHAT FILE: 800
                                     (1 entry)
      GO TO WHAT FILE: 821
Select LISTING FORMAT: STANDARD// [Enter]
DEVICE: PRINTER
```

In addition, the following applicable data is supplied for each field in the file: field name, number, title, global location, description, help prompt, cross-reference(s), input transform, date last edited, and notes.

The “Global Map” format of this option generates an output that lists all cross-references for the file selected, global location of each field in the file, input templates, print templates, and sort templates.

How to Generate Online Documentation

?, ??, and ??? Online Help

? Enter one question mark to see helpful information about the components of the health summary type used in the health summary and the options available.

?? Enter two question marks to see a list of available health summary components.

??? Enter three question marks for detailed help, if available.

In CPRS, help relating to Clinical Reminders is available from the Help menu.

Glossary

Acronyms

AAC	Austin Automation Center
AIMS	Abnormal Involuntary Movement Scale
API	Application Programmer Interface.
CAC	Clinical Application Coordinator
CPRS	Computerized Patient Record System.
DBIA	Database Integration Agreement.
EPRP	External Peer Review Program
GUI	Graphical User Interface.
HSR&D	Health Services Research and Development
HL7	Health Level 7
IHD	Ischemic Heart Disease
MDD	Major Depressive Disorder
OQP	Office of Quality and Performance
QUERI	Quality Enhancement Research Initiative
SAS	Simple Authentication and Security
SRS	Software Requirements Specification
VHA	Veterans Health Administration.
VISN	Veterans Integrated Service Networks.
VISTA	Veterans Health Information System and Technology Architecture.

Glossary

Definitions

AAC SAS Files	AAC SAS files contain data that is equivalent to data stored in the Reminder Extract Summary entry in the Reminder Extract Summary file. AAC manages SAS files for use by specifically defined users.
Applicable	The number of patients whose findings met the patient cohort reminder evaluation.
Due	The number of patients whose reminder evaluation status is due.
Extract Parameter	Parameters that define how to identify the patient cohort. A national extract entry is defined for each extract process. This entry defines an extract name, how often to automatically run the named extract process, the rules used to identify target patients, what reminders should be run against what patient list, what type of finding counts to accumulate, and where to transmit results.
Extract Summary	An extract summary containing the results of an extract process is created by this process in the Extract Summary File. This Extract Summary entry will help coordinators track the extract process through successful transmission processing by AAC.
Extract Run	A periodic extract job based on the Extract Parameter definition. The extract job creates an entry in the Reminder Extract Summary file. The extract job automatically starts a transmission job to transmit the extract summary data to a queue at the AAC. The successful completion of the Extract Run schedules the next periodic Extract Run.
Finding Count Rules	A Finding Count Rule defines the group of findings to accumulate, the type of finding total, and whether to use the TOTAL or APPLICABLE patient cohorts to calculate finding counts.

Glossary

Definitions

Finding Group	Group of Reminder Terms within the Extract Parameter File used for counting purposes.
Finding Totals	Totals derived using Finding Count Rules.
HL7 Transmissions	HL7 transmission packages contain HL7 messages that are processed between the transmitting system and AAC.
List Rules	A List Rule is a set of rules that define which findings shall be used to determine whether a patient should be added or removed from a patient list.
National Database	All sites running Mental Health QUERI software transmit their data to a new compliance totals database at the AAC.
Not Applicable	The number of patients whose findings did not meet the patient cohort reminder evaluation.
Not Due	The number of patients whose reminder evaluation status is not due.
Reminder Definitions	Reminder Definitions comprise the predefined set of finding items used to identify patient cohorts and reminder resolutions. Reminders are used for patient care and/or report extracts.
Reminder Dialog	Reminder Dialogs comprise a predefined set of text and findings that together provide information to the CPRS GUI, which collects and updates appropriate findings while building a progress note.
Reminder Patient List	A list of patients that is created from a set of List Rules and/or as a result of report processing. Each Patient List is assigned a name and is defined in the Reminder Patient List File. Reminder Patient Lists may be used as an incremental step to completing national extract processing or for local reporting needs. Patient Lists created from the Reminders Due reporting process are based on patients that met the patient cohort, reminder resolution, or specific finding extract parameters. These patient lists are used only at local facilities.

Glossary

Definitions

Reminder Terms	Predefined finding items that are used to map local findings to national findings, providing a method to standardize these findings for national use.
Reminder Totals	Totals that are accumulated from the reminder evaluation process based on the APPLICABLE, NOT APPLICABLE, DUE, AND NOT DUE statuses.
Report Reminders	Reminders may be defined specifically for national reporting. Report Reminders do not have a related Reminder Dialog in CPRS and are not used by clinicians for patient care. However, clinical reminders that are used in CPRS may also be used for national reminder reporting. All reminders targeted for national reporting are defined in Extract Parameters.
Reporting Period Extract	The extracts may be for monthly, quarterly, or yearly processing. The extracts are formatted and transmitted to the national database via HL7 messaging using a report format.
Total	The total number of patients in a patient list (denominator) based on the criteria defined in the Reminder List Rule file.
Transmission Run	The Transmission Run is started automatically by the Extract Run, but may also be manually scheduled. The extract process starts the Transmission Run just before completing the Extract Run. The Transmission Run transmits extract summary data to an AAC queue via HL7 transmissions. This data updates the Reminder Extract Summary entry for the reporting period.

APPENDIX A: Security Guide

Security for Clinical Reminders is managed by menu/option assignment and file access. There are no security keys.

Reports produced by this package are highly confidential and should be treated with the same security precautions as a patient's medical record.

Menu Access

The Clinical Reminders package contains the following menus/options. Assign these menus as follows.

Menu/Option	Option Name	Assignment
Reminder Computed Finding Management	PXRM CF MANAGEMENT	CACs, Reminders managers
Reminder Definition Management	PXRM REMINDER MANAGEMENT	CACs, Reminders managers
Reminder Sponsor Management	PXRM SPONSOR MANAGEMENT	CACs, Reminders managers
Reminder Taxonomy Management	PXRM TAXONOMY MANAGEMENT	CACs, Reminders managers
Reminder Location List Management	PXRM LOCATION LIST MANAGEMENT	CACs, Reminders managers
Reminder Term Management	PXRM TERM MANAGEMENT	CACs, Reminders managers
Reminder Exchange	PXRM REMINDER EXCHANGE	CACs, Reminders managers
Reminder Test	PXRM REMINDER TEST	CACs, Reminders managers
Other Supporting Menus	PXRM OTHER SUPPORTING MENUS	CACs, Reminders managers
Reminder Information Only Menu	PXRM INFO ONLY	Assign to users (e.g., clinicians) who need information about reminders but do not need the ability to make changes.
Reminder Dialog Management	PXRM DIALOG MANAGEMENT	CACs, Reminders managers
CPRS Reminder Configuration	PXRM CPRS CONFIGURATION	CACs, Reminders managers

APPENDIX A: Security Guide

Option	Option Name	Assignment
Reminder Reports	PXRM REMINDER REPORTS	This is a menu of Clinical Reminder reports that clinicians can use for summary and detailed level information about patients' due and satisfied reminders. This option also contains reports that clinical coordinators can use to assign menus to specific users.
Reminder Patient List Menu	PXRM PATIENT LIST MENU	CACs, Reminders managers
Reminders MST Synchronization Management	PXRM MST MANAGEMENT	CACs, Reminders managers
Reminder Parameters	PXRM REMINDER PARAMETERS	CACs, Reminders managers
Reminder Extract Management	PXRM EXTRACT MENU	CACs, Reminders managers
GEC Referral Report	PXRM GEC REFERRAL REPORT	This is the option that is used to generate GEC Reports. GEC (Geriatrics Extended Care) is used for referral of geriatric patients to receive further care

APPENDIX A: Security Guide

File Security

The table below indicates the security that the Clinical Reminders software package establishes for its files.

Number	Name	DD	RD	WR	DEL	LAYGO	AUDIT
800	CLINICAL REMINDER PARAMETERS	@		@	@	@	@
801.41	REMINDER DIALOG	@		@	@	@	@
801.42	REMINDER GUI PROCESS	@		@	@	@	@
801.43	REMINDER FINDING ITEM PARAMETER	@		@	@	@	@
801.45	REMINDER FINDING TYPE PARAMETER	@		@	@	@	@
801.5	REMINDER DIALOG PATIENT ASSOCIATION	@	@	@	@	@	@
801.9	REMINDER RESOLUTION STATUS	@		@	@	@	@
801.95	HEALTH FACTOR RESOLUTION	@		@	@	@	@
802.4	REMINDER FUNCTION FINDING	@	@	@	@	@	@
810.1	REMINDER REPORT TEMPLATE	@		@	@	@	@
810.2	REMINDER EXTRACT PARAMETERS	@		@	@	@	@
810.3	REMINDER EXTRACT SUMMARY	@		@	@	@	@
810.4	REMINDER LIST RULE	@		@	@	@	@
810.5	REMINDER PATIENT LIST	@		@	@	@	@
810.7	REMINDER EXTRACT FINDING RULE	@		@	@	@	@
810.8	REMINDER FINDING GROUP	@		@	@	@	@
810.9	REMINDER LOCATION LIST	@		@	@	@	@
811.2	REMINDER TAXONOMY	@		@	@	@	@
811.3	EXPANDED TAXONOMIES	@		@	@	@	@
811.4	REMINDER COMPUTED FINDINGS	@		@	@	@	@
811.5	REMINDER TERM	@		@	@	@	@
811.6	REMINDER SPONSOR	@		@	@	@	@
811.7	REMINDER CATEGORY	@		@	@	@	@
811.8	REMINDER EXCHANGE	@		@	@	@	@
811.9	REMINDER DEFINITION	@		@	@	@	@

Appendix B: Clinical Reminders Routine Checksums

PXRM value = 6375097
PXRM7API value = 195274
PXRM7M1 value = 336139
PXRM7XT value = 7849991
PXRMACT value = 1502838
PXRMAGE value = 2447072
PXRMAPI value = 111665
PXRMAPI0 value = 971411
PXRMAPI1 value = 2705455
PXRMART value = 3781303
PXRMBMI value = 856782
PXRMBXTL value = 4128111
PXRMCAT value = 3333739
PXRMCDUE value = 5783887
PXRMCF value = 8445373
PXRMCFED value = 781590
PXRMCLST value = 4099231
PXRMCODE value = 2162993
PXRMCOND value = 6707771
PXRMCOPY value = 3449181
PXRMCSO value = 15466838
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PXRMXX2T value = 6677306
PXRMXXT value = 573203

811.3	EXPANDED TAXONOMIES	YES	YES	NO			
811.4	REMINDER COMPUTED FINDINGS	YES	YES	YES	REPL	NO	NO
	DATA SCREEN: I \$P(^PXRMD(811.4,Y,0),U,1) ["VA-						
811.5	REMINDER TERM	YES	YES	NO			
811.6	REMINDER SPONSOR	YES	YES	NO			
811.7	REMINDER CATEGORY	YES	YES	NO			
811.8	REMINDER EXCHANGE	YES	YES	YES	OVER	NO	NO
	DATA SCREEN: I \$\$EXFINC^PXRMV2IE(Y)						
811.9	REMINDER DEFINITION	YES	YES	NO			

PRINT TEMPLATE:

PXRM COMPUTED FINDING LIST	FILE #811.4	SEND TO SITE
PXRM DEFINITION INQUIRY	FILE #811.9	SEND TO SITE
PXRM DEFINITION LIST	FILE #811.9	SEND TO SITE
PXRM DIALOG ELEMENT	FILE #801.41	SEND TO SITE
PXRM DIALOG FORCED VALUE	FILE #801.41	SEND TO SITE
PXRM DIALOG GROUP	FILE #801.41	SEND TO SITE
PXRM DIALOG PROMPT	FILE #801.41	SEND TO SITE
PXRM EXTRACT EPI FINDING HDR	FILE #810.3	SEND TO SITE
PXRM EXTRACT EPI FINDING LIST	FILE #810.3	SEND TO SITE
PXRM EXTRACT EPI FINDING TOT	FILE #810.3	SEND TO SITE
PXRM EXTRACT FINDING	FILE #810.7	SEND TO SITE
PXRM EXTRACT FINDING GROUP	FILE #810.8	SEND TO SITE
PXRM EXTRACT PARAMETER	FILE #810.2	SEND TO SITE
PXRM EXTRACT QUERI TOTALS	FILE #810.3	SEND TO SITE
PXRM EXTRACT SUMMARY HDR	FILE #810.3	SEND TO SITE
PXRM EXTRACT SUMMARY PRNT	FILE #810.3	SEND TO SITE
PXRM FINDING ITEM PARAMETERS	FILE #801.43	SEND TO SITE
PXRM FINDING RULE	FILE #810.4	SEND TO SITE
PXRM FINDING TYPE PARAMETERS	FILE #801.45	SEND TO SITE
PXRM HEALTH FACTOR RESOLUTIONS	FILE #801.95	SEND TO SITE
PXRM LOCATION LIST INQUIRY	FILE #810.9	SEND TO SITE
PXRM LOCATION LIST LIST	FILE #810.9	SEND TO SITE
PXRM PATIENT LIST RULE	FILE #810.4	SEND TO SITE
PXRM REMINDER CATEGORIES	FILE #811.7	SEND TO SITE
PXRM REMINDER DIALOG	FILE #801.41	SEND TO SITE
PXRM RESOLUTIONS (GENERAL)	FILE #801.9	SEND TO SITE
PXRM RESOLUTIONS (LOCAL)	FILE #801.9	SEND TO SITE
PXRM RESOLUTIONS (NATIONAL)	FILE #801.9	SEND TO SITE
PXRM RESULT ELEMENT	FILE #801.41	SEND TO SITE
PXRM RESULT GROUP	FILE #801.41	SEND TO SITE
PXRM RULE SET	FILE #810.4	SEND TO SITE
PXRM SPONSOR INQUIRY	FILE #811.6	SEND TO SITE
PXRM SPONSOR LIST	FILE #811.6	SEND TO SITE
PXRM SUMMARY LIST	FILE #811.9	SEND TO SITE
PXRM TAXONOMY DIALOG	FILE #811.2	SEND TO SITE
PXRM TAXONOMY INQUIRY	FILE #811.2	SEND TO SITE
PXRM TAXONOMY LIST	FILE #811.2	SEND TO SITE
PXRM TAXONOMY LIST HEADER	FILE #811.2	SEND TO SITE
PXRM TERM INQUIRY	FILE #811.5	SEND TO SITE
PXRM TERM LIST	FILE #811.5	SEND TO SITE

SORT TEMPLATE:

PXRM EPI LAB AND MED TERMS	FILE #811.5	SEND TO SITE
PXRM EXTRACT EPI BY FIND_PT	FILE #810.3	SEND TO SITE
PXRM HEP C EXTRACT TERMS	FILE #811.5	SEND TO SITE

PXRM HEP C HEALTH FACTORS FILE #9999999.64 SEND TO SITE
 PXRM NATIONAL TERM SPONSORS FILE #811.6 SEND TO SITE
 PXRM NATIONAL TERMS FILE #811.5 SEND TO SITE
 PXRM REMINDERS LIST FILE #811.9 SEND TO SITE

INPUT TEMPLATE:

PXRM EDIT ELEMENT FILE #801.41 SEND TO SITE
 PXRM EDIT FINDING RULE FILE #810.4 SEND TO SITE
 PXRM EDIT FORCED VALUE FILE #801.41 SEND TO SITE
 PXRM EDIT GROUP FILE #801.41 SEND TO SITE
 PXRM EDIT NATIONAL DIALOG FILE #801.41 SEND TO SITE
 PXRM EDIT NATIONAL TERM FILE #811.5 SEND TO SITE
 PXRM EDIT PATIENT LIST RULE FILE #810.4 SEND TO SITE
 PXRM EDIT PROMPT FILE #801.41 DELETE AT SITE
 PXRM EDIT REMINDER CF FILE #811.4 SEND TO SITE
 PXRM EDIT REMINDER DIALOG FILE #801.41 SEND TO SITE
 PXRM EDIT REMINDER RULE FILE #810.4 SEND TO SITE
 PXRM EDIT REMINDER TERM FILE #811.5 SEND TO SITE
 PXRM EDIT REPORT OUTPUT RULE FILE #810.4 SEND TO SITE
 PXRM EDIT RULE SET FILE #810.4 SEND TO SITE
 PXRM EXTRACT FINDING GROUP FILE #810.8 SEND TO SITE
 PXRM EXTRACT FINDINGS FILE #810.7 SEND TO SITE
 PXRM EXTRACT PARAMETERS FILE #810.2 SEND TO SITE
 PXRM RESULT ELEMENT FILE #801.41 SEND TO SITE
 PXRM RESULT GROUP FILE #801.41 SEND TO SITE

FORM:

PXRM DIALOG EDIT FILE #801.41 SEND TO SITE

MAIL GROUP:

IHD SEND TO SITE
 IHD SEND SEND TO SITE

ROUTINE:

PXRM SEND TO SITE
 PXRM7API SEND TO SITE
 PXRM7M1 SEND TO SITE
 PXRM7XT SEND TO SITE
 PXRMACT SEND TO SITE
 PXRMAGE SEND TO SITE
 PXRMAPI SEND TO SITE
 PXRMAPI0 SEND TO SITE
 PXRMAPI1 SEND TO SITE
 PXRMART SEND TO SITE
 PXRMBMI SEND TO SITE
 PXRMBXTL SEND TO SITE
 PXRMCAT SEND TO SITE
 PXRMCDUE SEND TO SITE
 PXRMCF SEND TO SITE
 PXRMCFED SEND TO SITE
 PXRMCLST SEND TO SITE
 PXRMCODE SEND TO SITE
 PXRMCOND SEND TO SITE
 PXRMCOPY SEND TO SITE
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 PXRMCSP SEND TO SITE
 PXRMCSSC SEND TO SITE
 PXRMCSTX SEND TO SITE
 PXRMCSU SEND TO SITE
 PXRMDATA SEND TO SITE
 PXRMDATE SEND TO SITE
 PXRMDBL1 SEND TO SITE
 PXRMDBL2 SEND TO SITE

PXRMBL3	SEND TO SITE
PXRMBLD	SEND TO SITE
PXRMDCPY	SEND TO SITE
PXRMD41	SEND TO SITE
PXRMDEDI	SEND TO SITE
PXRMD EDT	SEND TO SITE
PXRMD EDX	SEND TO SITE
PXRMD EV	SEND TO SITE
PXRMD GEN	SEND TO SITE
PXRMD GPT	SEND TO SITE
PXRMD HLP	SEND TO SITE
PXRMD IN	SEND TO SITE
PXRMD ISC	SEND TO SITE
PXRMD LG	SEND TO SITE
PXRMD LG1	SEND TO SITE
PXRMD LG2	SEND TO SITE
PXRMD LG3	SEND TO SITE
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PXRMD LLB	SEND TO SITE
PXRMD LR	SEND TO SITE
PXRMD LR1	SEND TO SITE
PXRMD LST	SEND TO SITE
PXRMD NVA	SEND TO SITE
PXRMD OUT	SEND TO SITE
PXRMD RCL	SEND TO SITE
PXRMD RGR	SEND TO SITE
PXRMD RUG	SEND TO SITE
PXRMD IT	SEND TO SITE
PXRMD U	SEND TO SITE
PXRMD FED	SEND TO SITE
PXRMD FFM	SEND TO SITE
PXRMD GED	SEND TO SITE
PXRMD EGM	SEND TO SITE
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PXRMD ETH	SEND TO SITE
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PXRMD EXFI	SEND TO SITE
PXRMD EXHF	SEND TO SITE
PXRMD EXIC	SEND TO SITE

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PXRMEXIX	SEND TO SITE
PXRMEXLB	SEND TO SITE
PXRMEXLC	SEND TO SITE
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PXRMINQ	SEND TO SITE
PXRMINTR	SEND TO SITE
PXRMISE	SEND TO SITE
PXRMISF	SEND TO SITE
PXRMLAB	SEND TO SITE
PXRMLABS	SEND TO SITE

PXRMLCR	SEND TO SITE
PXRMLDR	SEND TO SITE
PXRMLFNF	DELETE AT SITE
PXRMLHLP	SEND TO SITE
PXRMLIST	SEND TO SITE
PXRMLLED	SEND TO SITE
PXRMLOCF	SEND TO SITE
PXRMLOCL	SEND TO SITE
PXRMLOG	SEND TO SITE
PXRMLOGF	SEND TO SITE
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PXRMMST	SEND TO SITE
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PXRMOBJX	SEND TO SITE
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PXRMORDR	SEND TO SITE
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PXRMP5I	DELETE AT SITE
PXRMP5IA	DELETE AT SITE
PXRMP6I	DELETE AT SITE
PXRMP7I	DELETE AT SITE
PXRMP8I	DELETE AT SITE
PXRMP8IA	DELETE AT SITE
PXRMP8IB	DELETE AT SITE
PXRMP9I	DELETE AT SITE
PXRMPARS	SEND TO SITE
PXRMP CIN	SEND TO SITE
PXRMP CPY	SEND TO SITE
PXRMPD	SEND TO SITE
PXRMPD1	SEND TO SITE
PXRMPDEM	SEND TO SITE
PXRMPDS	SEND TO SITE
PXRMPINF	SEND TO SITE
PXRMP LST	SEND TO SITE
PXRMPROB	SEND TO SITE
PXRMP TD1	SEND TO SITE
PXRMP TD2	SEND TO SITE
PXRMP TDF	SEND TO SITE
PXRMP TL	SEND TO SITE

PXRMPTR	SEND TO SITE
PXRMPXX	SEND TO SITE
PXRMRAD	SEND TO SITE
PXRMRCP	SEND TO SITE
PXRMRDF	SEND TO SITE
PXRMRDT	SEND TO SITE
PXRMRSN	SEND TO SITE
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PXRMRPC	SEND TO SITE
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PXRMRPCB	SEND TO SITE
PXRMRPCC	SEND TO SITE
PXRMRPCD	SEND TO SITE
PXRMRREM	DELETE AT SITE
PXRMRUL1	SEND TO SITE
PXRMRULE	SEND TO SITE
PXRMRUTL	SEND TO SITE
PXRMRXTY	SEND TO SITE
PXRMSAPG	DELETE AT SITE
PXRMSDT	SEND TO SITE
PXRMSL	SEND TO SITE
PXRMSL1	SEND TO SITE
PXRMSL2	SEND TO SITE
PXRMSHF	SEND TO SITE
PXRMSKIN	SEND TO SITE
PXRMSLST	SEND TO SITE
PXRMSPED	SEND TO SITE
PXRMSA1	SEND TO SITE
PXRMSA2	SEND TO SITE
PXRMSAC	SEND TO SITE
PXRMSAT	SEND TO SITE
PXRMSXRD	DELETE AT SITE
PXRMSXRG	DELETE AT SITE
PXRMSXRM	SEND TO SITE
PXRMSXRO	DELETE AT SITE
PXRMSXRP	DELETE AT SITE
PXRMSXRV	DELETE AT SITE
PXRMSXRW	DELETE AT SITE
PXRMTAX	SEND TO SITE
PXRMTAXD	SEND TO SITE
PXRMTAXS	SEND TO SITE
PXRMTDLG	SEND TO SITE
PXRMTDUP	SEND TO SITE
PXRMTEDT	SEND TO SITE
PXRMTERM	SEND TO SITE
PXRMTXT	SEND TO SITE
PXRMTIU	SEND TO SITE
PXRMTMCL	DELETE AT SITE
PXRMTMED	SEND TO SITE
PXRMTIL	SEND TO SITE
PXRMV2E	SEND TO SITE
PXRMV2I	SEND TO SITE
PXRMV2IA	SEND TO SITE
PXRMV2IC	SEND TO SITE
PXRMV2ID	SEND TO SITE
PXRMV2IE	SEND TO SITE
PXRMV2IL	SEND TO SITE
PXRMV2IR	SEND TO SITE
PXRMV2IX	DELETE AT SITE
PXRMVAL	SEND TO SITE
PXRMVALC	SEND TO SITE
PXRMVALU	SEND TO SITE

PXRMVCPT	SEND TO SITE
PXRMVF	DELETE AT SITE
PXRMVITL	SEND TO SITE
PXRMVLST	SEND TO SITE
PXRMVPOV	SEND TO SITE
PXRMVPTR	SEND TO SITE
PXRMVSIT	SEND TO SITE
PXRMXAP	SEND TO SITE
PXRMXBSY	SEND TO SITE
PXRMXD	SEND TO SITE
PXRMXDET	SEND TO SITE
PXRMXDUT	SEND TO SITE
PXRMXGPR	SEND TO SITE
PXRMXGUT	SEND TO SITE
PXRMXHLP	SEND TO SITE
PXRMXPR	SEND TO SITE
PXRMXQUE	SEND TO SITE
PXRMXS1	SEND TO SITE
PXRMXSC	SEND TO SITE
PXRMXSD	SEND TO SITE
PXRMXSE	SEND TO SITE
PXRMXSEL	SEND TO SITE
PXRMXSEO	SEND TO SITE
PXRMXSU	SEND TO SITE
PXRMXT	SEND TO SITE
PXRMXTA	SEND TO SITE
PXRMXTB	SEND TO SITE
PXRMXTD	SEND TO SITE
PXRMXTF	SEND TO SITE
PXRMXTU	SEND TO SITE
PXRMXX	SEND TO SITE
PXRMXX1	SEND TO SITE
PXRMXX2	SEND TO SITE
PXRMXX2T	SEND TO SITE
PXRMXXT	SEND TO SITE

OPTION:

GMTS COORDINATOR	ATTACH TO MENU
IBDF PRINT BLNK ENCOUNTER FORM	ATTACH TO MENU
ORCM QUICK ORDERS	ATTACH TO MENU
PX PCE COORDINATOR MENU	ATTACH TO MENU
PXRM (IN)/ACTIVATE REMINDERS	SEND TO SITE
PXRM (IN)/ACTIVATE TAXONOMIES	SEND TO SITE
PXRM CATEGORY EDIT/INQUIRE	SEND TO SITE
PXRM CF MANAGEMENT	SEND TO SITE
PXRM COMPUTED FINDING EDIT	SEND TO SITE
PXRM COMPUTED FINDING LIST	SEND TO SITE
PXRM CPRS CONFIGURATION	SEND TO SITE
PXRM CPRS COVER SHEET LIST	SEND TO SITE
PXRM CPRS LOOKUP CATEGORIES	SEND TO SITE
PXRM DEFAULT LOCATION	SEND TO SITE
PXRM DEFINITION COPY	SEND TO SITE
PXRM DEFINITION EDIT	SEND TO SITE
PXRM DEFINITION INQUIRY	SEND TO SITE
PXRM DEFINITION LIST	SEND TO SITE
PXRM DIALOG EMPTY REPORT	SEND TO SITE
PXRM DIALOG MANAGEMENT	SEND TO SITE
PXRM DIALOG ORPHAN REPORT	SEND TO SITE
PXRM DIALOG PARAMETERS	SEND TO SITE
PXRM DIALOG TOOLS MENU	SEND TO SITE
PXRM DIALOG/COMPONENT EDIT	SEND TO SITE
PXRM EDIT SITE DISCLAIMER	SEND TO SITE
PXRM EDIT WEB SITES	SEND TO SITE

PXRM EXTRACT EPI FINDING LIST	SEND TO SITE
PXRM EXTRACT EPI TOTALS	SEND TO SITE
PXRM EXTRACT FINDINGS	SEND TO SITE
PXRM EXTRACT GROUPS	SEND TO SITE
PXRM EXTRACT MANAGEMENT	SEND TO SITE
PXRM EXTRACT MENU	SEND TO SITE
PXRM EXTRACT PARAMETERS	SEND TO SITE
PXRM EXTRACT PATIENT LIST	SEND TO SITE
PXRM EXTRACT QUERI TOTALS	SEND TO SITE
PXRM EXTRACT VA-IHD QUERI	SEND TO SITE
PXRM EXTRACT VA-MH QUERI	SEND TO SITE
PXRM FINDING ITEM PARAMETERS	SEND TO SITE
PXRM FINDING TYPE PARAMETERS	SEND TO SITE
PXRM GEC DEGUG REPORTS	SEND TO SITE
PXRM GEC REFERRAL REPORT	SEND TO SITE
PXRM GEC STATUS CHECK	SEND TO SITE
PXRM GUI REMINDERS ACTIVE	SEND TO SITE
PXRM HEALTH FACTOR RESOLUTIONS	SEND TO SITE
PXRM INDEX BUILD	SEND TO SITE
PXRM INDEX COUNT	SEND TO SITE
PXRM INDEX MANAGEMENT	SEND TO SITE
PXRM INFO ONLY	SEND TO SITE
PXRM LIST RULE MANAGEMENT	SEND TO SITE
PXRM LOCATION LIST EDIT	SEND TO SITE
PXRM LOCATION LIST INQUIRY	SEND TO SITE
PXRM LOCATION LIST LIST	SEND TO SITE
PXRM LOCATION LIST MANAGEMENT	SEND TO SITE
PXRM MANAGERS MENU	SEND TO SITE
PXRM MENTAL HEALTH ACTIVE	SEND TO SITE
PXRM MST MANAGEMENT	SEND TO SITE
PXRM MST REPORT	SEND TO SITE
PXRM MST SYNCHRONIZATION	SEND TO SITE
PXRM NEW REMINDER PARAMETERS	SEND TO SITE
PXRM OTHER SUPPORTING MENUS	SEND TO SITE
PXRM PARAMETER EDIT	SEND TO SITE
PXRM PATIENT LIST MENU	SEND TO SITE
PXRM PROGRESS NOTE HEADERS	SEND TO SITE
PXRM REMINDER EDIT HISTORY	SEND TO SITE
PXRM REMINDER EXCHANGE	SEND TO SITE
PXRM REMINDER GUI	SEND TO SITE
PXRM REMINDER MANAGEMENT	SEND TO SITE
PXRM REMINDER MENU	SEND TO SITE
PXRM REMINDER PARAMETERS	SEND TO SITE
PXRM REMINDER REPORTS	SEND TO SITE
PXRM REMINDER TEST	SEND TO SITE
PXRM REMINDERS DUE	SEND TO SITE
PXRM REMINDERS DUE (USER)	SEND TO SITE
PXRM REPORT TEMPLATE (USER)	SEND TO SITE
PXRM RESOLUTION EDIT/INQUIRE	SEND TO SITE
PXRM REVIEW DATES	SEND TO SITE
PXRM SPONSOR EDIT	SEND TO SITE
PXRM SPONSOR INQUIRY	SEND TO SITE
PXRM SPONSOR LIST	SEND TO SITE
PXRM SPONSOR MANAGEMENT	SEND TO SITE
PXRM TAXONOMY COPY	SEND TO SITE
PXRM TAXONOMY DIALOG	SEND TO SITE
PXRM TAXONOMY EDIT	SEND TO SITE
PXRM TAXONOMY EXPANSION	SEND TO SITE
PXRM TAXONOMY INQUIRY	SEND TO SITE
PXRM TAXONOMY LIST	SEND TO SITE
PXRM TAXONOMY MANAGEMENT	SEND TO SITE
PXRM TERM COPY	SEND TO SITE
PXRM TERM EDIT	SEND TO SITE

PXRM TERM INQUIRY	SEND TO SITE
PXRM TERM LIST	SEND TO SITE
PXRM TERM MANAGEMENT	SEND TO SITE
PXRM TEXT AT CURSOR	SEND TO SITE
PXRM WH PRINT NOW	SEND TO SITE
PXRMCS INACTIVE DIALOG CODES	SEND TO SITE
PXTT TABLE MAINTENANCE	ATTACH TO MENU

PROTOCOL:

ICD CODE UPDATE EVENT	USE AS LINK FOR MENU ITEMS
ICPT CODE UPDATE EVENT	USE AS LINK FOR MENU ITEMS
PXRM CODE SET UPDATE CPT	SEND TO SITE
PXRM CODE SET UPDATE ICD	SEND TO SITE
PXRM DIALOG ADD	SEND TO SITE
PXRM DIALOG ADD ELEMENT	SEND TO SITE
PXRM DIALOG COPY	SEND TO SITE
PXRM DIALOG COPY COMPONENT	SEND TO SITE
PXRM DIALOG DETAILS	SEND TO SITE
PXRM DIALOG EDIT	SEND TO SITE
PXRM DIALOG EDIT INQUIRY	SEND TO SITE
PXRM DIALOG EXIT	SEND TO SITE
PXRM DIALOG GROUP MENU	SEND TO SITE
PXRM DIALOG HISTORY	SEND TO SITE
PXRM DIALOG LINK	SEND TO SITE
PXRM DIALOG LOCK	SEND TO SITE
PXRM DIALOG MENU	SEND TO SITE
PXRM DIALOG OVERVIEW	SEND TO SITE
PXRM DIALOG P/N TEXT	SEND TO SITE
PXRM DIALOG SELECTION ITEM	SEND TO SITE
PXRM DIALOG SELECTION MENU (DLG)	SEND TO SITE
PXRM DIALOG SELECTION MENU (DLGE)	SEND TO SITE
PXRM DIALOG SUMMARY	SEND TO SITE
PXRM DIALOG TEXT	SEND TO SITE
PXRM DIALOG/REMINDER MENU	SEND TO SITE
PXRM EDIT DIALOG ELEMENT	SEND TO SITE
PXRM EXCH CREATE FILE ENTRY	SEND TO SITE
PXRM EXCH CREATE HOST FILE	SEND TO SITE
PXRM EXCH CREATE MAILMAN	SEND TO SITE
PXRM EXCH DEFINITION INQUIRY	SEND TO SITE
PXRM EXCH DELETE FILE ENTRY	SEND TO SITE
PXRM EXCH DELETE INSTALLATION HISTORY	SEND TO SITE
PXRM EXCH DIALOG DETAILS	SEND TO SITE
PXRM EXCH DIALOG EXIT	SEND TO SITE
PXRM EXCH DIALOG FINDINGS	SEND TO SITE
PXRM EXCH DIALOG MENU	SEND TO SITE
PXRM EXCH DIALOG SUMMARY	SEND TO SITE
PXRM EXCH DIALOG TEXT	SEND TO SITE
PXRM EXCH DIALOG USAGE	SEND TO SITE
PXRM EXCH INSTALL ALL COMPONENTS	SEND TO SITE
PXRM EXCH INSTALL DIALOG (ALL)	SEND TO SITE
PXRM EXCH INSTALL DIALOG (SELECTED)	SEND TO SITE
PXRM EXCH INSTALL FILE ENTRY	SEND TO SITE
PXRM EXCH INSTALL MENU	SEND TO SITE
PXRM EXCH INSTALL SELECTED COMPONENTS	SEND TO SITE
PXRM EXCH INSTALLATION DETAILS	SEND TO SITE
PXRM EXCH INSTALLATION HISTORY	SEND TO SITE
PXRM EXCH INSTALLATION HISTORY MENU	SEND TO SITE
PXRM EXCH INSTALLATION SUMMARY	SEND TO SITE
PXRM EXCH LOAD HOST FILE	SEND TO SITE
PXRM EXCH LOAD MAILMAN	SEND TO SITE
PXRM EXCH MENU	SEND TO SITE
PXRM EXCH QUIT	SEND TO SITE
PXRM EXCH SELECT COMPONENT	SEND TO SITE

PXRM EXCH SELECT DIALOG	SEND TO SITE
PXRM EXCH SELECT ENTRY	SEND TO SITE
PXRM EXCH SELECT HISTORY	SEND TO SITE
PXRM EXTRACT AD HOC REPORT	SEND TO SITE
PXRM EXTRACT FINDING CREATE	SEND TO SITE
PXRM EXTRACT FINDING DISPLAY MENU	SEND TO SITE
PXRM EXTRACT FINDING DISPLAY/EDIT	SEND TO SITE
PXRM EXTRACT FINDING EDIT	SEND TO SITE
PXRM EXTRACT FINDING EXIT	SEND TO SITE
PXRM EXTRACT FINDING GROUP CREATE	SEND TO SITE
PXRM EXTRACT FINDING GROUP DISPLAY MENU	SEND TO SITE
PXRM EXTRACT FINDING GROUP DISPLAY/EDIT	SEND TO SITE
PXRM EXTRACT FINDING GROUP EDIT	SEND TO SITE
PXRM EXTRACT FINDING GROUP EXIT	SEND TO SITE
PXRM EXTRACT FINDING GROUP MENU	SEND TO SITE
PXRM EXTRACT FINDING GROUP SELECT ENTRY	SEND TO SITE
PXRM EXTRACT FINDING GROUPS	SEND TO SITE
PXRM EXTRACT FINDING MENU	SEND TO SITE
PXRM EXTRACT FINDING SELECT ENTRY	SEND TO SITE
PXRM EXTRACT HISTORY CHANGE VIEW	SEND TO SITE
PXRM EXTRACT HISTORY EXIT	SEND TO SITE
PXRM EXTRACT HISTORY MENU	SEND TO SITE
PXRM EXTRACT HISTORY SELECT ENTRY	SEND TO SITE
PXRM EXTRACT HISTORY TRANSMISSIONS	SEND TO SITE
PXRM EXTRACT MANAGEMENT EXIT	SEND TO SITE
PXRM EXTRACT MANAGEMENT MENU	SEND TO SITE
PXRM EXTRACT MANAGEMENT SELECT ENTRY	SEND TO SITE
PXRM EXTRACT MANUAL EXTRACT	SEND TO SITE
PXRM EXTRACT MANUAL TRANSMISSION	SEND TO SITE
PXRM EXTRACT PARAMETER CREATE	SEND TO SITE
PXRM EXTRACT PARAMETER DISPLAY MENU	SEND TO SITE
PXRM EXTRACT PARAMETER DISPLAY/EDIT	SEND TO SITE
PXRM EXTRACT PARAMETER EDIT	SEND TO SITE
PXRM EXTRACT PARAMETER EXIT	SEND TO SITE
PXRM EXTRACT PARAMETER MANAGEMENT	SEND TO SITE
PXRM EXTRACT PARAMETER MENU	SEND TO SITE
PXRM EXTRACT PARAMETER SELECT ENTRY	SEND TO SITE
PXRM EXTRACT PATIENT LIST	SEND TO SITE
PXRM EXTRACT SUMMARY	SEND TO SITE
PXRM EXTRACT SUMMARY EXIT	SEND TO SITE
PXRM EXTRACT SUMMARY FINDING TOTALS	SEND TO SITE
PXRM EXTRACT SUMMARY MENU	SEND TO SITE
PXRM EXTRACT SUMMARY SELECT ENTRY	SEND TO SITE
PXRM EXTRACT VIEW/SCHEDULE	SEND TO SITE
PXRM FINDING GENERAL MENU	SEND TO SITE
PXRM FINDING SELECTION MENU	SEND TO SITE
PXRM GENERAL EDIT	SEND TO SITE
PXRM GENERAL EXIT	SEND TO SITE
PXRM GENERAL INQUIRY	SEND TO SITE
PXRM GENERAL MENU	SEND TO SITE
PXRM LIST REMINDERS	SEND TO SITE
PXRM LIST RULE CHANGE VIEW	SEND TO SITE
PXRM LIST RULE CREATE	SEND TO SITE
PXRM LIST RULE DISPLAY MENU	SEND TO SITE
PXRM LIST RULE DISPLAY/EDIT	SEND TO SITE
PXRM LIST RULE EDIT	SEND TO SITE
PXRM LIST RULE EXIT	SEND TO SITE
PXRM LIST RULE MANAGEMENT SELECT ENTRY	SEND TO SITE
PXRM LIST RULE MENU	SEND TO SITE
PXRM PATIENT DATA CHANGE	SEND TO SITE
PXRM PATIENT LIST ADD USER	SEND TO SITE
PXRM PATIENT LIST AUTH DELETE	SEND TO SITE
PXRM PATIENT LIST AUTH MENU	SEND TO SITE

PXRM PATIENT LIST AUTH USER	SEND TO SITE
PXRM PATIENT LIST AUTH USER SELECT	SEND TO SITE
PXRM PATIENT LIST CHANGE VIEW	SEND TO SITE
PXRM PATIENT LIST COPY	SEND TO SITE
PXRM PATIENT LIST CREATE	SEND TO SITE
PXRM PATIENT LIST DELETE	SEND TO SITE
PXRM PATIENT LIST DEMOGRAPHIC	SEND TO SITE
PXRM PATIENT LIST DISPLAY	SEND TO SITE
PXRM PATIENT LIST EXIT	SEND TO SITE
PXRM PATIENT LIST HEALTH SUMMARY (ALL)	SEND TO SITE
PXRM PATIENT LIST HEALTH SUMMARY (INDIVIDUAL)	SEND TO SITE
PXRM PATIENT LIST MAIN MENU	SEND TO SITE
PXRM PATIENT LIST MENU	SEND TO SITE
PXRM PATIENT LIST OE/RR	SEND TO SITE
PXRM PATIENT LIST PATIENT SELECT	SEND TO SITE
PXRM PATIENT LIST PATIENTS MENU	SEND TO SITE
PXRM PATIENT LIST PUBLIC	SEND TO SITE
PXRM PATIENT LIST RULES	SEND TO SITE
PXRM PATIENT LIST SELECT ENTRY	SEND TO SITE
PXRM PATIENT LIST USER	SEND TO SITE
PXRM PATIENT LIST USER COPY	SEND TO SITE
PXRM PATIENT LIST USER CREATE	SEND TO SITE
PXRM PATIENT LIST USER SELECT ENTRY	SEND TO SITE
PXRM REMINDER DETAILS	SEND TO SITE
PXRM SELECT RESOLUTION	SEND TO SITE
PXRM SELECTION ADD	SEND TO SITE
PXRM SELECTION EXIT	SEND TO SITE
PXRM SELECTION ITEM	SEND TO SITE
PXRM SELECTION MENU	SEND TO SITE
PXRM SELECTION PRINT ALL	SEND TO SITE
PXRM SELECTION VIEW (AR)	SEND TO SITE
PXRM SELECTION VIEW (CV)	SEND TO SITE
PXRM SELECTION VIEW (LR)	SEND TO SITE
PXRM SELECTION VIEW TOGGLE	SEND TO SITE
PXRM7 RECO SERVER	SEND TO SITE
PXRM7 RECO SUBSCRIBER	SEND TO SITE
LIST TEMPLATE:	
PXRM DIALOG HISTORY	SEND TO SITE
PXRM DIALOG LIST	SEND TO SITE
PXRM DIALOG MAIN HELP	SEND TO SITE
PXRM EX DEFINITION INQUIRY	SEND TO SITE
PXRM EX DIALOG HELP	SEND TO SITE
PXRM EX INSTALLATION DETAIL	SEND TO SITE
PXRM EX INSTALLATION HISTORY	SEND TO SITE
PXRM EX LIST COMPONENTS	SEND TO SITE
PXRM EX LIST DIALOG	SEND TO SITE
PXRM EX MAIN HELP	SEND TO SITE
PXRM EX REMINDER EXCHANGE	SEND TO SITE
PXRM EX REMINDER LIST	SEND TO SITE
PXRM EXTRACT FINDING EDIT	SEND TO SITE
PXRM EXTRACT FINDING GROUPS	SEND TO SITE
PXRM EXTRACT FINDING GRP EDIT	SEND TO SITE
PXRM EXTRACT FINDINGS	SEND TO SITE
PXRM EXTRACT HELP	SEND TO SITE
PXRM EXTRACT HISTORY	SEND TO SITE
PXRM EXTRACT MANAGEMENT	SEND TO SITE
PXRM EXTRACT PARAMETER DISPLAY	SEND TO SITE
PXRM EXTRACT PARAMETER EDIT	SEND TO SITE
PXRM EXTRACT PARAMETERS	SEND TO SITE
PXRM EXTRACT SUMMARY	SEND TO SITE
PXRM EXTRACT TRANSMISSIONS	SEND TO SITE
PXRM FINDING PARAMETER LIST	SEND TO SITE

PXRM GENERAL EDIT/LIST	SEND TO SITE
PXRM LIST RULE DISPLAY/EDIT	SEND TO SITE
PXRM LIST RULE HELP	SEND TO SITE
PXRM LIST RULE MANAGEMENT	SEND TO SITE
PXRM PATIENT LIST	SEND TO SITE
PXRM PATIENT LIST AUTH USERS	SEND TO SITE
PXRM PATIENT LIST HELP	SEND TO SITE
PXRM PATIENT LIST PATIENTS	SEND TO SITE
PXRM PATIENT LIST USER	SEND TO SITE
PXRM SELECTION	SEND TO SITE
HL7 APPLICATION PARAMETER:	
PXRM7-REM-COM	SEND TO SITE
HL LOGICAL LINK:	
PXRM7-RECO	SEND TO SITE
PARAMETER DEFINITION:	
PXRM CPRS LOOKUP CATEGORIES	SEND TO SITE
PXRM GEC STATUS CHECK	SEND TO SITE
PXRM GUI REMINDERS ACTIVE	SEND TO SITE
PXRM MENTAL HEALTH ACTIVE	SEND TO SITE
PXRM PROGRESS NOTE HEADERS	SEND TO SITE
PXRM REPORT TEMPLATE (USER)	SEND TO SITE
PXRM WH PRINT NOW	SEND TO SITE
REMOTE PROCEDURE:	
PXRM EDUCATION SUBTOPICS	SEND TO SITE
PXRM EDUCATION SUMMARY	SEND TO SITE
PXRM EDUCATION TOPIC	SEND TO SITE
PXRM MENTAL HEALTH	SEND TO SITE
PXRM MENTAL HEALTH RESULTS	SEND TO SITE
PXRM MENTAL HEALTH SAVE	SEND TO SITE
PXRM PROGRESS NOTE HEADER	SEND TO SITE
PXRM REMINDER CATEGORIES	SEND TO SITE
PXRM REMINDER CATEGORY	SEND TO SITE
PXRM REMINDER DETAIL	SEND TO SITE
PXRM REMINDER DIALOG	SEND TO SITE
PXRM REMINDER DIALOG (TIU)	SEND TO SITE
PXRM REMINDER DIALOG PROMPTS	SEND TO SITE
PXRM REMINDER EVALUATION	SEND TO SITE
PXRM REMINDER INQUIRY	SEND TO SITE
PXRM REMINDER RPC	SEND TO SITE
PXRM REMINDER WEB	SEND TO SITE
PXRM REMINDERS (UNEVALUATED)	SEND TO SITE
PXRM REMINDERS AND CATEGORIES	SEND TO SITE
REQUIRED BUILDS:	ACTION:
XU*8.0*280	Don't install, leave global
PXRM*1.5*12	Don't install, leave global
LEX*2.0*25	Don't install, leave global
SD*5.3*275	Don't install, leave global
XM*8.0*16	Don't install, leave global