

INPATIENT MEDICATIONS

**TECHNICAL MANUAL/ SECURITY GUIDE**

Version 5.0

December 1997

(Revised January 2013)

Department of Veterans Affairs Product Development

Revision History

Each time this manual is updated, the Title Page lists the new revised date and this page describes the changes. If the Revised Pages column lists “All,” replace the existing manual with the reissued manual. If the Revised Pages column lists individual entries (e.g., 25, 32), either update the existing manual with the Change Pages Document or print the entire new manual.

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Revised Pages** | **Patch Number** | **Description** |
| 01/2013 | i-ii 23  25  32  47-48  69-70b  86  94a 118  120-122 | PSJ\*5\*260, PSJ\*5\*268 | Updated Revision History  Updated Routines: PSJADM, PSJCLNOC, PSJDGAL2, PSJDGCK, PSJOEA2, PSJUTL5  Sentence reworded by CPS  Added option PSJ CHECK DRUG INTERACTION  Added new Protocols  Fix page numbering to eliminate pages with number 70 Changed wording in Section 14.5  Added Integration Agreement Added three new Hidden Actions  Added BSA, CrCL, & DATUP to the Glossary  REDACTED |
| 12/2012 | i-ii, vi-vii, 81-82,  82a- 82b | PSJ\*5\*284 | Added instructions for editing the Device File for ATC Device to use Network Channel.  REDACTED |
| 09/2012 | i, 21-23,  69, 94a | PSJ\*5\*267 | Added new Routine Added new API  Added new Integration Agreement  REDACTED |
| 01/2012 | i-ii, v-viii 22, 23  69  94 | PSJ\*5\*254 | Updated Table of Contents Updated Routines  Added API  Added 5653 and 5654 Inpatient Medications Integration Agreements  REDACTED |
| 04/2011 | i, v, vi, vii, vii, 5- 8b, (changed flow) 22,  23, 24,  removed 25-26,  changed | PSJ\*5\*181 | Changes to *Revision History*, *Table of Contents*; added new field to PHARMACY SYSTEM File (#59.7), added new field to the INPATIENT WARD PARAMETERS File (#59.6). Added  information re: the Pharmacy Reengineering (PRE) API Manual under “*Callable Routines*”; removed entire section 5.3, Routine Mapping, and all its sub-sections; added Health Level Seven (HL7) data field under segment { RXC}. Added the following “*Inpatient Medications Custodial Integration Agreements*”: 4074, 4264, 4580, 5001, 5057; 5058, 5306, 5385. Added two |

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| **Date** | **Revised Pages** | **Patch Number** | **Description** |
|  | 53, 85, 86, |  | packages, HWSC and VistALink, to *External Relationships*, |
| 93- | under *Packages Needed to Run Inpatient Medications*. Added the |
| 94;94a-b, | following call routines and their entry points: OROCAPI, |
| 121--130 | PSSDSAPD, PSSDSAPI, PSSFDBRT, PSODDPR4, |
|  | PSODRDU2. Added the items DATUP, MOCHA, PECS, and |
|  | PEPS in Glossary, which shifted all subsequent glossary items. |
|  | Added routines PSJMISC2 &PSJOCVAR to the routines table |
|  | and removed Section 5.3 |
|  | REDACTED |
|  | REDACTED |
| 02/11 | i, 53, 62,  64, 65 | PSJ\*5\*226 | Added to RXC section Field 5, “Additive Frequency” in HL7 Ordering Fields; updated Front Door – IV Fluids table with Field 5; updated Back Door – IV Fluids table with Field 5; updated example. |
|  |  |  | REDACTED |
| 06/10 | i, 22-23 | PSJ\*5\*113 | Added routine PSGSICH1.  REDACTED |
| 02/10 | i, 23 | PSJ\*5\*214 | Added PSJQUTIL to the routine list in Section 5.1 for Patients on Specific Drug(s) Multidivisional Enhancements Project.  REDACTED |
| 12/09 | 22-23 | PSJ\*5\*222 | Added routine PSGOEF2.  REDACTED |
| 08/08 | vi, 23, 51- | PSJ\*5\*134 | Parameters for escaping special characters added. New HL7 |
|  | 53, 57-58, |  | messages added. New routines added. HL7 order fields table |
|  | 60-61, 63, |  | contains an asterisk for each field that has special escaping characters. |
|  | 65, 65a-  65b |  | REDACTED |
| 02/07 | 74-76 | PSJ\*5\*178 | MED ROUTE now appears in larger font on IV labels from the Zebra bar code printer. Med ROUTE now prints on the IV labels for bar-code enabled printers, and it prints in larger font than surrounding text.  REDACTED |
| 09/06 | 23, 94 | PSJ\*5\*172 | Encapsulation Cycle II project: Added PSJ53P1 to the Routine List in Section 5.1. Added DBIA 4537 to DBIA list. Changed the date on the Title Page to December 1997.  REDACTED |
| 05/06 | v-viii 8a-8b 66-68b | PSJ\*5\*154 | In Section 2.2.2 Added “PRIORITIES FOR NOTIFICATION”  field.  In Section 9.5, made correction to include the priority of ASAP in notifications. Added information regarding the three |

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| **Date** | **Revised Pages** | **Patch Number** | **Description** |
|  |  |  | notifications parameters.  REDACTED |
| 12/2005 | 23 | PSJ\*5\*146 | Remote Data Interoperability (RDI) Project: Added PSJLMUT2 to the Routine List in Section 5.1.  REDACTED |
| 11/2005 | All | PSJ\*5\*163 | Encapsulation Cycle II project: Added PSJ59P5 to the Routine List in Section 5.1. Added DBIA 4819 to DBIA list. Deleted DBIAs 172, 634, and 1882 from the DBIA list.  Reissued entire document due to a page numbering issue. REDACTED |

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# Preface

This technical manual is written for the Information Resources Management Service (IRMS) Chief/Site Manager and the Automated Data Processing Application Coordinator (ADPAC) for implementation and installation of the Inpatient Medications package. The main text of the manual outlines routine descriptions, file list, site configuration issues, variables, resource requirements, and package security.

(*This page included for two-sided copying*.)

# Table of Contents

1. Introduction 1
2. Implementation and Maintenance 3
   1. Installation 3
   2. Inpatient Parameters 3
      1. Fields from the PHARMACY SYSTEM File (#59.7) 4
      2. Fields from the INPATIENT WARD PARAMETERS File (#59.6) 6
      3. Fields from the INPATIENT USER PARAMETERS File (#53.45) 9
      4. Fields from the IV ROOM File (#59.5) 10
      5. Fields from the CLINIC DEFINITION File (#53.46) 14
3. Package Security 15
   1. Option Security Keys 15
   2. File Security 16
4. File List 17
   1. Unit Dose File Diagram 18
   2. IV File Diagram 19
5. Routines 21
   1. Descriptions 21
   2. [Callable Routines 24](#_TOC_250018)
      1. [Deleting Inpatient Routines 24](#_TOC_250017)
6. Templates 27
   1. Print Templates 27
   2. Input Templates 27
   3. List Templates 29
7. [Exported Options 31](#_TOC_250016)
   1. [Stand-alone Options 31](#_TOC_250015)
   2. [Top-level Menus 31](#_TOC_250014)
      1. [Menu Assignment 31](#_TOC_250013)
      2. [Menu Placement 31](#_TOC_250012)
   3. [Options 32](#_TOC_250011)
8. Data Archiving and Purging 41
   1. Archiving 41
   2. Purging 41
      1. Unit Dose Auto Purging 41
      2. IV Auto Purging 41
      3. Unit Dose Manual Purging – Temporarily Unavailable 42
      4. IV Manual Purging – Temporarily Unavailable 43
9. Inpatient Medications and CPRS 45
   1. Installation of the Protocols for CPRS 45
   2. Converting 45
      1. Order Conversion 45
      2. Pick List Conversion 46
      3. Order Set Conversion 46
      4. Verification Data Conversion 46
   3. [Protocol Descriptions 47](#_TOC_250010)
   4. Health Level Seven (HL7) Messaging 51
      1. HL7 Ordering Fields 51
      2. Order Event Messages 56
      3. Special Escaping Characters 66
   5. STAT, ASAP, and NOW Order Notification 66
      1. PSJ STAT NOW PENDING ORDER Mail Group 67
      2. PSJ STAT NOW ACTIVE ORDER Mail Group 68
      3. Adding a Remote Member as a Subscriber 68a
      4. Setting Up Ward-Specific Mail Groups 68a
10. [Inpatient Medications and BCMA 69](#_TOC_250009)
    1. [API Exchange 69](#_TOC_250008)
    2. [Med Order Button 70](#_TOC_250007)
11. Interfacing with the Bar Code Label Printer 73
    1. Hardware Set Up 73
    2. Software Set Up 73
       1. Zebra Printers 73
       2. Dot Matrix and Laser Printers 75
    3. Printed Bar Code IV Label Sample 76
12. Interfacing with the ATC 77
    1. Pharmacy Set Up 77
       1. Drug Set Up 77
       2. Ward Group Set Up 77
    2. Hardware Set Up 78
       1. Device File Example 78
       2. MUX Table Example 78
       3. DECServer Examples 79
       4. Wiring for CXA16 Card 79
       5. ATC-HPS Configuration Set Up 80
       6. Device File Setup Network Change 81
       7. Common Problems 82a
13. Resource Requirements 83
    1. Hardware 83
    2. Disk Space 83
       1. Routines 83
       2. Data 83
    3. Journaling Globals 83
    4. Translating Globals 84
    5. Nightly Background Jobs 84
    6. Queuing and Printing across CPUs 84
14. [External Relationships 85](#_TOC_250006)
    1. [Packages Needed to Run Inpatient Medications 85](#_TOC_250005)
    2. [Unit Dose Medications and Ward Stock 85](#_TOC_250004)
    3. [Unit Dose Medications and Drug Accountability 85](#_TOC_250003)
    4. [Calls Made by Inpatient Medications 86](#_TOC_250002)
    5. [Introduction to Integration Agreements and Entry Points 86](#_TOC_250001)
15. Internal Relationships 95
16. Internal Calls and Variables 95
    1. Package-Wide Variables 98
       1. Inpatient Sign-on Variables 98
       2. Standard Variables Used Throughout the Package 100
       3. IV Sign-on Variables 102
       4. Variables 103
17. On-line Documentation 105
    1. On-line Help 105
    2. Printing Data Dictionaries 105
18. Additional Information 107
    1. SAC Exemptions 107
    2. IV Ward List 107
    3. IV Manufacturing List 108
    4. IV Suspense List 109
    5. Unit Dose “Defaults” 112
       1. Order Start Date/Time Calculation 112
       2. Stop Date/Time: Calculation 113
       3. Patient’s Default Stop Date/Time 114
       4. Pick List Wall 115
19. [Glossary 117](#_TOC_250000)
20. Appendix A: Inpatient Medication Orders for Outpatients–Phase I & II and Inpatient Medication Reqs for SFG IRA–Phase II 131
    1. Introduction 131
    2. Inpatient Medication Orders for Outpatients – Phase I & II 132
       1. Inpatient Medications V. 5.0 132
       2. Order Entry Results Reporting V. 3.0 (CPRS) 134
       3. Scheduling V. 5.3 136
    3. Inpatient Medication Requirements for SFG IRA – Phase II 137
       1. Inpatient Medications V. 5.0 and Pharmacy Data Management V. 1.0 137
       2. Order Entry Results Reporting V. 3.0 (CPRS) 138
    4. Installation 139
       1. Overview 139
       2. Post-Installation Setup 139

|  |  |  |  |
| --- | --- | --- | --- |
| PSIVUTL | PSIVUTL1 | PSIVUWL | PSIVVW1 |
| PSIVWCR | PSIVWCR1 | PSIVWL | PSIVWL1 |
| PSIVWRP | PSIVXREF | PSIVXU | PSJ53P1 |
| PSJ59P5 | PSJAC | PSJADM | PSJADT |
| PSJADT0 | PSJADT1 | PSJADT2 | PSJALG |
| PSJAPIDS | PSJBCMA | PSJBCMA1 | PSJBCMA2 |
| PSJBCMA3 | PSJBCMA4 | PSJBCMA5 | PSJBLDOC |
| PSJCLNOC | PSJCOM | PSJCOM1 | PSJCOMR |
| PSJCOMV | PSJDCHK | PSJDCU | PSJDDUT |
| PSJDDUT2 | PSJDDUT3 | PSJDEA | PSJDGAL |
| PSJDGAL2 | PSJDGCK | PSJDIN | PSJDOSE |
| PSJDPT | PSJEEU | PSJEEU0 | PSJENV |
| PSJEXP | PSJEXP0 | PSJFTR | PSJGMRA |
| PSJH1 | PSJHEAD | PSJHEH | PSJHIS |
| PSJHL10 | PSJHL11 | PSJHL2 | PSJHL3 |
| PSJHL4 | PSJHL5 | PSJHL6 | PSJHL7 |
| PSJHL9 | PSJHLERR | PSJHLU | PSJHLV |
| PSJHVARS | PSJLIACT | PSJLIFN | PSJLIFNI |
| PSJLIORD | PSJLIPRF | PSJLIUTL | PSJLIVFD |
| PSJLIVMD | PSJLMAL | PSJLMDA | PSJLMGUD |
| PSJLMHED | PSJLMPRI | PSJLMPRU | PSJLMUDE |
| PSJLMUT1 | PSJLMUT2 | PSJLMUTL | PSJLOAD |
| PSJLOI | PSJMAI | PSJMAI1 | PSJMDIR |
| PSJMDIR1 | PSJMDWS | PSJMEDS | PSJMISC |
| PSJMISC2 | PSJMIV | PSJMON | PSJMP |
| PSJMPEND | PSJMPRT | PSJMPRTU | PSJMUTL |
| PSJNTEG | PSJNTEG0 | PSJNTEG1 | PSJO |
| PSJO1 | PSJO2 | PSJO3 | PSJOC |
| PSJOCDC | PSJOCDI | PSJOCDS | PSJOCDSD |
| PSJOCDT | PSJOCERR | PSJOCOR | PSJOCVAR |
| PSJOE | PSJOE0 | PSJOE1 | PSJOEA |
| PSJOEA1 | PSJOEA2 | PSJOEEW | PSJOERI |
| PSJORAPI | PSJORDA | PSJOREN | PSJORMA1 |
| PSJORMA2 | PSJORMAR | PSJORP2 | PSJORPOE |
| PSJORRE | PSJORRE1 | PSJORREN | PSJORRN |
| PSJORRN1 | PSJORUT2 | PSJORUTL | PSJORRO |
| PSJP | PSJPATMR | PSJPDIR | PSJPDV |
| PSJPDV0 | PSJPDV1 | PSJPL0 | PSJPR |
| PSJPR0 | PSJPST50 | PSJPXRM1 | PSJQPR |
| PSJQUTIL | PSJRXI | PSJSPU | PSJUTL5 |

The following routines are not used in this version of Inpatient Medications. They were exported in the initial Kernel Installation and Distribution System (KIDS) build as Delete at Site.

|  |  |  |  |
| --- | --- | --- | --- |
| PSGDCR | PSGDCT0 | PSGEXP | PSGEXP0 |
| PSGMMPST | PSGOROE0 | PSGORU | PSGQOS |
| PSIVNVO | PSIVOEDO | PSIVOENT | PSIVOEPT |
| PSIVRD0 | PSIVRD0 | PSJMAN | PSJOAC |
| PSJOAC0 | PSJOE8 | PSJOE81 | PSJOEE |
| PSJOER | PSJOER0 | PSJORA | PSJORIN |
| PSJUTL | PSJUTL1 | PSJUTL2 | PSJUTL3 |

## Callable Routines

Entry points provided by the Inpatient Medications package to other packages can be found in the External Relationships section of this manual. No other routines are designated as callable from outside of this package. Additional information on other external calls and their entry points can be found on the VA Software Document Library (VDL). Under the Clinical Section select the Pharm: Inpatient Medications page and then select the “API Manual - Pharmacy Reengineering (PRE)”.

### Deleting Inpatient Routines

* Since this initial version is distributed using KIDS, the transport global is automatically deleted after the install. If the plan is to delete existing Inpatient Medications routines before loading V. 5.0, be sure not to delete PSGW\* (Ward Stock) routines. These routines are not included as part of Inpatient Medications.
* The following Inpatient Medications routines were sent with a past version of the Kernel, and are no longer needed. They can be deleted.
  + PSGZ1TSK
  + PSGZ2TSK
  + PSIVZTSK

**Note**: It is okay if any of these routines are missing, because they are no longer used.



The information contained on pages 25 & 26 has been removed from the manual because mapping is no longer required now that all routines reside in ROU.

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# Exported Options

## Stand-alone Options

All of the Inpatient Medications package options are designed to stand-alone and can be accessed without first accessing the top-level menu. All of the options can be placed on menus other than their original menu without any additional editing.

## Top-level Menus

There is no top-level menu for Inpatient Medications. The Inpatient Medications options are included in the IV and Unit Dose top-level menus.

### Menu Assignment

Assign the following menus to the Inpatient Medications users:

**PSJU MGR** This is the only Unit Dose Medications menu, and is to be assigned to all Unit Dose users.

**PSJI MGR** This IV Medications menu is to be assigned to the pharmacists, inpatient supervisors, and package coordinators.

**PSJI USR1** This IV Medications menu is to be assigned to the nurses.

**PSJI USR2** This IV Medications menu is to be assigned to the pharmacy technicians.

### 7.2.2 Menu Placement

It is strongly recommended that the user does not place the Inpatient Medications (IV and Unit Dose) menus under the Outpatient Pharmacy menu. It is suggested that they be placed on the same menu as the Outpatient Pharmacy menu instead.

Although it has been common practice to place the Inpatient Medications top-level menus under the Outpatient Pharmacy menu, this can cause <STORE> errors.

## Options

The following options are exported with the Inpatient Medications package: Option Name Menu Text

PSJ AC SET-UP AUto-Discontinue Set-Up

PSJ CD Clinic Definition

PSJ CHECK DRUG INTERACTION Check Drug Interaction

PSJ EXP INpatient Stop Order Notices

PSJ EXTP Patient Profile (Extended)

PSJ IWP EDIT Inpatient Ward Parameters Edit

PSJ MDWS Medications Due Worksheet

PSJ OAOPT Order Action on Patient Transfer

PSJ OE Inpatient Order Entry

PSJ PARAM EDIT MENU PARameters Edit Menu

PSJ PDV Patients on Specific Drug(s)

PSJ PR Inpatient Profile

PSJ SEUP Inpatient User Parameters Edit

PSJ SYS EDIT Systems Parameters Edit

PSJ UD ALIGN LABEL Align Unit Dose Labels

PSJ UEUP Edit Inpatient User Parameters

PSJI 200 Correct Changed Names in IV Orders

PSJI ACTIVE Active Order List (IV)

PSJI ALIGNMENT Align Labels (IV)

## 9.3 Protocol Descriptions

The Inpatient Medications package sends the following protocols for use in V. 5.0. These protocols are automatically installed when the Inpatient Medications initial installation is run.

The protocols with “PAT” as part of their name assume that the patient has already been selected through CPRS before the protocol is selected. The other protocols will prompt the user for patients.

|  |  |
| --- | --- |
| Protocol Name | Item Text |
| PSJ DISPLAY DRUG ALLERGIES | Display Drug Allergies |
| PSJ LM 14D MAR | 14 Day MAR |
| PSJ LM 24H MAR | 24 Hour MAR |
| PSJ LM 7D MAR | 7 Day MAR |
| PSJ LM AP1 | Action Profile #1 |
| PSJ LM AP2 | Action Profile #2 |
| PSJ LM BPI HIDDEN ACTIONS | Brief Patient Info Hidden Actions Menu |
| PSJ LM BRIEF PATIENT INFO MENU | Brief Allergy Display |
| PSJ LM BYPASS | Bypass |
| PSJ LM CWAD | CWAD Information |
| PSJ LM DC | Discontinue |
| PSJ LM DETAILED ALLERGY | Detailed Allergy/ADR List |
| PSJ LM DETAILED ALLERGY MENU | ALLERGY/ADR LIST MENU |
| PSJ LM DIN | Drug Restriction/Guideline |
| PSJ LM DRUG CHECK | Check Interactions |
| PSJ LM EDIT ALLERGY/ADR DATA | Enter/Edit Allergy/ADR Data |
| PSJ LM EDIT NEW |  |
| PSJ LM EXTP | Patient Profile (Extended) |
| PSJ LM FINISH | Finish |
| PSJ LM FINISH MENU |  |
| PSJ LM FLAG | Flag |
| PSJ LM HOLD | Hold |
| PSJ LM INTERVENTION DELETE | Delete Pharmacy Intervention |
| PSJ LM INTERVENTION EDIT | Edit Pharmacy Intervention |
| PSJ LM INTERVENTION NEW ENTRY | Enter Pharmacy Intervention |
| PSJ LM INTERVENTION PRINTOUT | Print Pharmacy Intervention |
| PSJ LM INTERVENTION VIEW | View Pharmacy Intervention |
| PSJ LM IV NEW SELECT ORDER |  |
| PSJ LM IV OE MENU | IV ORDER ENTRY MENU |
| PSJ LM IV SELECT ORDER | Select Order |
| PSJ LM LABEL PRINT/REPRINT MENU | Label Print/Reprint |
| PSJ LM MAR MENU | MAR Menu |
| PSJ LM MDWS | Medications Due Worksheet |
| PSJ LM NEW ORDER | New Order Entry |

|  |  |
| --- | --- |
| Protocol Name | Item Text |
| PSJ LM NEW ORDER FROM PROFILE | New Order Entry |
| PSJ LM NEW SELECT ALLERGY |  |
| PSJ LM NEW SELECT ORDER |  |
| PSJ LM OE MENU | ORDER ENTRY MENU |
| PSJ LM ORDER VIEW HIDDEN  ACTIONS | Order View Hidden Actions Menu |
| PSJ LM OTHER PHARMACY OPTIONS | Other Pharmacy Options |
| PSJ LM OVERRIDES | Overrides/Interventions |
| PSJ LM PAT PR | Inpatient Medications Profile |
| PSJ LM PATIENT DATA | Patient Record Update |
| PSJ LM PATIENT INFO | Patient Information |
| PSJ LM PENDING ACTION | Pending Order Actions |
| PSJ LM PHARMACY INTERVENTION  MENU | Pharmacy Intervention Menu |
| PSJ LM PNV JUMP | Jump to a Patient |
| PSJ LM PRINT OUTPATIENT PROFILE | Outpatient Prescriptions |
| PSJ LM PROFILE HIDDEN ACTIONS | Profile Hidden Actions Menu |
| PSJ LM PROFILE MENU | Patient Profiles |
| PSJ LM RETURNS/DESTROYED MENU | Returns/Destroyed Menu |
| PSJ LM SELECT ORDER | Select Order |
| PSJ LM SHOW PROFILE | View Profile |
| PSJ OR MENU | Inpatient Medications Ward Reports |
| PSJ OR PAT ADT | Inpatient Medications Actions on Patient ADT |
| PSJ OR PAT MENU | Inpatient Medications Patient Reports |
| PSJ OR PAT OE | Inpatient Medications |
| PSJ OR PAT OE MENU | Inpatient Medications |
| PSJ OR PAT PR | Inpatient Medications Profile |
| PSJ OR PAT PR MENU | Inpatient Medications Profiles |
| PSJ OR PR | Inpatient Medications Profile |
| PSJ PC IV AC/EDIT ACTION | IV ACCEPT EDIT ACTIONS |
| PSJ PC IV ACCEPT | Accept |
| PSJ PC IV CANCELLED | Cancelled |
| PSJ PC IV DESTROYED | Destroyed |
| PSJ PC IV LABELS ACTION | INDIVIDUAL IV LABEL ACTIONS |
| PSJ PC IV LOG | Activity Logs |
| PSJ PC IV NEW LABELS | PRINT NEW IV LABELS |
| PSJ PC IV RECYCLED | Recycled |
| PSJ PC IV REPRINT LABELS | Reprint IV label(s) |
| PSJ PC RETURN IV LABELS ACTION | RETURN IV LABELS ACTIONS |
| PSJ SELECT ALLERGY | Select Allergy |
| PSJI LM ACTIVE MENU | IV Active Order Actions |
| PSJI LM ACTIVITY LOG | View Activity Log |
| PSJI LM ALIGNMENT | Align Labels (IV) |

|  |  |
| --- | --- |
| Protocol Name | Item Text |
| PSJI LM DISCONTINUE | Discontinue |
| PSJI LM EDIT | Edit |
| PSJI LM FINISH | Finish |
| PSJI LM LABEL LOG | View Label Log |
| PSJI LM LBLI | Individual Labels (IV) |
| PSJI LM LBLR | Reprint Scheduled Labels (IV) |
| PSJI LM LBLS | Scheduled Labels (IV) |
| PSJI LM LOG MENU | IV Profile Log Menu |
| PSJI LM PAT PR | IV Medications Profile |
| PSJI LM PENDING ACTION | IV Pending Order Actions |
| PSJI LM RETURNS | Returns/Destroyed Entry (IV) |
| PSJI OR PAT FLUID OE | IV Fluids |
| PSJI OR PAT FLUID OE MENU | IV FLUIDS... |
| PSJI OR PAT HYPERAL OE | IV Hyperal |
| PSJI OR PAT PR | IV Medications Profile |
| PSJI OR PR | IV Medications Profile |
| PSJI PC HOLD | Hold |
| PSJI PC ONCALL | On Call |
| PSJI PC RENEWAL | Renew |
| PSJU LM ACCEPT | Accept |
| PSJU LM ACCEPT EDIT | Edit |
| PSJU LM ACCEPT MENU |  |
| PSJU LM ACTIONS MENU |  |
| PSJU LM ACTIVITY LOG | Activity Logs |
| PSJU LM AL | Align Labels (Unit Dose) |
| PSJU LM COPY | Copy |
| PSJU LM EDIT | Edit |
| PSJU LM HIDDEN ACTIONS | UD Hidden Actions |
| PSJU LM HIDDEN UD ACTIONS | Unit Dose Hidden Actions |
| PSJU LM LABEL | Label Print/Reprint |
| PSJU LM MARK INCOMPLETE | Mark Order As Incomplete |
| PSJU LM MARK NOT GIVE | Mark Order Not To Be Given |
| PSJU LM PAT PR | Unit Dose Medications Profile |
| PSJU LM PL | Pick List |
| PSJU LM PL MENU | Pick List Menu |
| PSJU LM PLDP | Enter Units Dispensed |
| PSJU LM PLEUD | Extra Units Dispensed |
| PSJU LM PLRP | Reprint Pick List |
| PSJU LM PLUP | Update Pick List |
| PSJU LM RENEW | Renew |
| PSJU LM RET | Report Returns (UD) |
| PSJU LM SPEED DISCONTINUE | Speed Discontinue |
| PSJU LM SPEED FINISH | Speed Finish |

|  |  |
| --- | --- |
| Protocol Name | Item Text |
| PSJU LM SPEED RENEW | Speed Renew |
| PSJU LM SPEED VERIFY | Speed Verify |
| PSJU LM VERIFY | Verify |
| PSJU OR 14D MAR | 14 Day MAR (Unit Dose) |
| PSJU OR 7D MAR | 7 Day MAR (Unit Dose) |
| PSJU OR AP-1 | Action Profile #1 |
| PSJU OR AP-2 | Action Profile #2 |
| PSJU OR DS | Authorized Absence/Discharge Summary (Unit  Dose) |
| PSJU OR PAT 14D MAR | 14 Day MAR (Unit Dose) |
| PSJU OR PAT 7D MAR | 7 Day MAR (Unit Dose) |
| PSJU OR PAT AP-1 | Action Profile #1 (Unit Dose) |
| PSJU OR PAT AP-2 | Action Profile #2 (Unit Dose) |
| PSJU OR PAT DS | Discharge Summary (Unit Dose) |
| PSJU OR PAT PR | Unit Dose Medications Profile |
| PSJU OR PAT VBW | Non-Verified Orders (Unit Dose) |
| PSJU OR PR | Patient Profile (Unit Dose) |
| PSJU OR VBW | Non-Verified Orders (Unit Dose) |
| PSJU PLATCS | Send Pick List to ATC |
| VALM DOWN A LINE | Down a Line |
| VALM FIRST SCREEN | First Screen |
| VALM GOTO PAGE | Go to Page |
| VALM HIDDEN ACTIONS | Standard Hidden Actions |
| VALM LAST SCREEN | Last Screen |
| VALM LEFT | Shift View to Left |
| VALM NEXT SCREEN | Next Screen |
| VALM PREVIOUS SCREEN | Previous Screen |
| VALM PRINT LIST | Print List |
| VALM PRINT SCREEN | Print Screen |
| VALM QUIT | Quit |
| VALM REFRESH | Re-Display Screen |
| VALM RIGHT | Shift View to Right |
| VALM SEARCH LIST | Search List |
| VALM TURN ON/OFF MENUS | Auto-Display (On/Off) |
| VALM UP ONE LINE | Up a Line |

# Inpatient Medications and BCMA

Inpatient Medications is designed for use with the Bar Code Medication Administration (BCMA) package.

## API Exchange

Patient and order information is exchanged between Inpatient Medications and BCMA. This exchange is possible through Application Program Interfaces (APIs).

APIs provided to BCMA

**PSJBCMA** - The entry point EN^PSJBCMA is provided by the Inpatient Medications package to return patient active orders to BCMA to be used in administering medications at patient's bedside. The SEND TO BCMA field (#3) in the CLINIC DEFINITION file (#53.46) allows the user to specify, by clinic, whether or not Inpatient Medication Orders for Outpatients will be sent to BCMA.

**PSJBCMA1** - The entry point EN^PSJBCMA1 is provided by the Inpatient Medications package to return the detail information on a patient's order for BCMA to use.

**PSJBCMA2** - The entry point EN^PSJBCMA2 is provided by Inpatient Medications package to return a patient order's activity logs for BCMA to use.

**PSJBCMA3** - The purpose of this API is to get information from BCMA to put in the PHARMACY PATIENT FILE (#55). It also updates the BCMA status information for the bag associated with a Unique Bar Code ID label.

**PSJBCMA4**- The purpose of this API is to allow BCMA to expire/reinstate Inpatient Medications orders based on an administration event.

**PSJBCMA5 –** The entry point GETSIOPI is provided by the Inpatient Medications package to return the Special Instructions or the Other Print Info associated with a specific Inpatient Medications order. The returned values will be retrieved from the word processing SPECIAL INSTRUCTIONS (LONG) field (#135) in the UNIT DOSE multiple (#62) in the PHARMACY PATIENT file (#55) for Unit Dose orders, or the OTHER PRINT INFO (LONG) – field (#154) in the IV multiple (#100) in the PHARMACY PATIENT file (#55).

**PSGSICH1** - The entry point GETPROVL^PSGSICH1 is provided by the Inpatient Medications package to return CPRS Provider Overrides associated with a specific Inpatient Medications order. Entry point INTRDIC^PSGSICH1 is provided by the Inpatient Medications package to return Pharmacist Interventions associated with a specific Inpatient Medications order.

APIs provided to Inpatient Medications

**EN^PSBIPM** - The entry point EN^PSBIPM is provided by the BCMA package to provide information to Inpatient Medications to be used in determining the start date for a renewed order. [Database Integration Agreement (DBIA) # 3174].

**MOB^PSBIPM** - The entry point MOB^PSBIPM is provided by the BCMA package to provide Inpatient Medications with an array of data returned by the BCMA/CPRS Med Order function.

**MOBR^PSBIPM** - The entry point MOBR^PSBIPM is provided by the BCMA package to provide Inpatient Medications a way to notify BCMA that the BCMA/CPRS Med Order Button order has been processed or rejected. There is no return from this entry point.

## Med Order Button

The BCMA/CPRS Med Order Button (Med Order) software is an integrated component of the VistA environment and uses bar code technology to electronically order, sign, and document STAT and NOW medications from verbal or telephoned medication orders for inpatients from the BCMA Virtual Due List (VDL). Medications are ordered and signed through the CPRS Inpatient Medication order dialog and are passed to the Inpatient Medications V. 5.0 software application as nurse-verified orders with the Priority of Done. The medications are documented as administered to the patient in the BCMA Medication Log and Medication Administration History (MAH).

The BCMA VDL has been modified to contain a Med Order button that allows the authorized user the ability to properly document a STAT or NOW medication order through BCMA. Each user must hold a special key to allow them access to the button on the BCMA VDL. There is a system parameter in BCMA that allows the site the added ability to turn off or on the functionality system wide.

When the Med Order button is activated, BCMA opens a CPRS Graphical User Interface (GUI) medication dialog ordering session. The medication dialog screen allows for the entry of STAT or NOW Unit Dose or IV Type orders within the same session. The user is able to scan a bar coded IEN or National Drug Code (NDC) number affixed to the product, to select the dispense drug for this administration. Pharmacy Orderable item, IV Additive, and IV Solution selection (based on dispense drug) occurs in the background and is automatic. Dispense drugs selected for IV Type orders that point to multiple active IV Additive or IV Solution file links require the user to make a single selection. Manual entry of the dispense drug into the medication field is allowed if bar codes are damaged or missing.

All orders entered through this interface are automatically marked as “Done” in CPRS GUI. Unit Dose, Piggyback, and Syringe (intermittent) orders are marked as “GIVEN” in BCMA and will not appear on the VDL. IV Type orders including Admixture and Syringe (non-intermittent) are marked as “INFUSING” in BCMA and will appear on the VDL for further interaction. CPRS GUI passes the order to Inpatient Medications for pharmacist verification. Order administration data will still be available to be edited through the BCMA menu option Edit Medication Log. All orders require an electronic signature.

The administration date/time box on the order screen defaults to the time the Med Order button was accessed. The user is allowed to edit this date/time to a date/time in the past since some STAT and NOW orders are actually entered after they are administered. The user will NOT be allowed to enter a date/time in the future.

Once the Unit Dose or IV Type order is entered and the accept order button is selected, the user will be taken back to the order screen to specify ordering dialog and enter additional orders.

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# External Relationships

## Packages Needed to Run Inpatient Medications

The Inpatient Medications package requires the minimum version, stated on the following external packages, to run effectively:

PACKAGE MINIMUM VERSION NEEDED

|  |  |
| --- | --- |
| Kernel | 8.0 |
| VA FileMan | 22.0 |
| MailMan | 8.0 |
| PIMS | 5.3 |
| CPRS | 1.0 |
| Outpatient Pharmacy | 7.0 |
| PDM | 1.0 |
| Dietetics | 5.0 |
| Bar Code Medication Administration | 3.0 |
| HealtheVet Web Services Client (HWSC) | 1.0 |
| VistALink | 1.5 |

## Unit Dose Medications and Ward Stock

The Inpatient Medications package also has a tie to the Automatic Replenishment/Ward Stock package so that if the site is running the Automatic Replenishment/Ward Stock package, the Inpatient Medications package will know which items in the DRUG file (#50) are ward stock items for each ward. The tie is a cross-reference under the PHARMACY AOU STOCK file (#58.1).

## Unit Dose Medications and Drug Accountability

The Inpatient Medications package also has a tie to the Drug Accountability package so that if the site is running the Drug Accountability package, the Inpatient Medications package will know which items in the DRUG file (#50) are ward stock items for each ward. This cross- reference is the link between the Controlled Substances package and the Unit Dose package for determining ward-stocked drugs.

## Calls Made by Inpatient Medications

The following external calls are supported via inter-package agreements:

|  |  |
| --- | --- |
| **ROUTINE** | **ENTRY POINTS USED** |
| ECXUD1 | ^ECXUD1 |
| ECXPIV1 | ^ECXPIV1 |
| GMRVUTL | EN6 |
| GMRADPT | EN1 |
| GMRAOR | $$ORCHK |
| GMRAOR2 | EN1 |
| GMRAPEM0 | EN2 |
| OR3CONV | OTF |
| ORCONV3 | PSJQOS |
| ORERR | EN |
| OROCAPI | $$AOC, $$DOC, $$GOC |
| ORUTL | READ |
| ORX1 | NA |
| ORX2 | LK,ULK |
| PSAPSI5 | EN |
| PSBIPM | EN, MOB, MOBR |
| PSSDSAPD | $$DOSE, $$DRT |
| PSSDSAPI | $$BSA, $$DS, $$EXMT, $$FRQ, $$MRT,  $$UNIT, $$SUP |
| PSSFDBRT | GROUTE |
| PSSHLSCH | EN |
| PSODDPR4 | BLD |
| PSODRDU2 | EN |
| SDROUT2 | DIS |
| SDAMA203 | SDIMO |
| VADPT | IN5, INP, PID, SDA |

## Introduction to Integration Agreements and Entry Points

The following integration agreements and entry points are provided for the associated packages; only those packages listed can use these integration agreements and entry points. For complete information regarding the IAs, please refer to the Integration Agreement Menu. It can be found in FORUM under DBA MENU > INTEGRATION CONTROL REGISTRATIONS.

5764 NAME: PSODGAL1

CUSTODIAL PACKAGE: OUTPATIENT PHARMACY SUBSCRIBING PACKAGE: INPATIENT MEDICATIONS

ROUTINE: PSODGAL1

**Example: How to Print DBIA Information from FORUM**

Select FORUM Primary Menu Option: **DBA**

Select DBA Option: **INTEGRATI**on Agreements Menu Select Integration Agreements Menu Option: **INQUIR**e

Select INTEGRATION REFERENCES: **DBIA296** 296 INPATIENT MEDICATIONS DBIA296 PS(50.8,

DEVICE: *[Select Print Device]*

INTEGRATION REFERENCE INQUIRY #296 OCT 1,1996 10:24 PAGE 1

296 NAME: DBIA296

CUSTODIAL PACKAGE: INPATIENT MEDICATIONS Birmingham SUBSCRIBING PACKAGE: OUTPATIENT PHARMACY Birmingham

USAGE: Private APPROVED: APPROVED

STATUS: Active EXPIRES:

DURATION: Till Otherwise Agr VERSION:

FILE: 50.8 ROOT: PS(50.8, DESCRIPTION: TYPE: File

Outpatient Pharmacy 6.0v will be printing a management report. In order to complete the report, we need to read ^PS(50.8 (IV STATS FILE). We are reporting the outpatient ward's number of dispensed units, average cost of the dispensed units, and the total costs of the dispensed units.

To obtain this data, we need to read the 0 node in subfile 50.804, the Average Drug Cost Per Unit field (#4) on the 0 node piece 5 in subfile 50.805, the Dispensed Units (Ward) field (#2) on the 0 node piece 2 in the subfile 50.808, and the B cross-reference in subfile 50.808.

GLOBAL MAP DATA DICTIONARY #50.8 -- IV STATS FILE STORED IN ^PS(50.8, SITE: BIRMINGHAM ISC

^PS(50.8 D0,2,D1,1,0)=^50.804P^^ (#1) WARD ^PS(50.8,D0,2,D1,2,D2,0)=^^^^ (#4) AVERAGE DRUG COST PER UNIT [5N] ^PS(50.8,D0,2,D1,2,D2,3,D3,0)=^ (#2) DISPENSED UNITS (WARD) [2N] ^

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# 19 Glossary

**Action Prompts** There are three types of Inpatient Medications “Action” prompts that occur during order entry: ListMan, Patient/Order, and Hidden action prompts.

**ListMan Action Prompts** + Next Screen

- Previous Screen

UP Up a Line

DN Down a Line

> Shift View to Right

< Shift View to Left

FS First screen

LS Last Screen

GO Go to Page

RD Re Display Screen

PS Print Screen

PT Print List

SL Search List

Q Quit

ADPL Auto Display (on/off)

**Patient/Order Action Prompts** PU Patient Record Updates

DA Detailed Allergy/ADR List

VP View Profile

NO New Orders Entry

IN Intervention Menu

PI Patient Information

SO Select Order

DC Discontinue

ED Edit

FL Flag

VF Verify

HD Hold

|  |  |  |
| --- | --- | --- |
| **Patient/Order Action Prompts (continued)** | RN | Renew |
|  | AL | Activity Logs |
|  | OC | On Call |
|  | NL | Print New IV Labels |
|  | RL | Reprint IV Labels |
|  | RC | Recycled IV |
|  | DT | Destroyed IV |
|  | CA | Cancelled IV |
| **Hidden Action Prompts** | LBL | Label Patient/Report |
|  | JP | Jump to a Patient |
|  | OTH | Other Pharmacy Options |
|  | MAR | MAR Menu |
|  | DC | Speed Discontinue |
|  | RN | Speed Renew |
|  | SF | Speed Finish |
|  | SV | Speed Verify |
|  | CO | Copy |
|  | N | Mark Not to be Given |
|  | I | Mark Incomplete |
|  | DIN | Drug Restr/Guide |
|  | DA | Display Drug Allergies |
|  | OCI | Overrides/Interventions |
|  | CK | Check Drug Interaction |

**Active Order** Any order which has not expired or been discontinued. Active orders also include any orders that are on hold or on call.

**Activity Reason Log** The complete list of all activity related to a patient order. The log contains the action taken, the date of the action, and the user who took the action.

**Activity Ruler** The activity ruler provides a visual representation of the relationship between manufacturing times, doses due and order start times. The intent is to provide the on- the-floor user with a means of tracking activity in the IV room and determining when to call for doses before the normal delivery. The activity ruler can be enabled or disabled under the *SIte Parameters (IV)* [PSJI SITE PARAMETERS] option.

**Additive** A drug that is added to an IV solution for the purpose of parenteral administration. An additive can be an electrolyte, a vitamin or other nutrient, or an antibiotic. Only electrolyte or multivitamin type additives can be entered as IV fluid additives in CPRS.

**ADMINISTRATION SCHEDULE** File #51.1. This file contains administration

**File** schedule names and standard dosage administration times. The name is a common abbreviation for an administration schedule type (e.g., QID, Q4H, PRN). The administration time entered is in military time, with each time separated from the next by a dash, and times listed in ascending order.

**Administering Teams** Nursing teams used in the administration of medication

to the patients. There can be a number of teams assigned to take care of one ward, with specific rooms and beds assigned to each team.

**Admixture** An admixture is a type of intravenously administered medication comprised of any number of additives (including zero) in one solution. It is given at a specified flow rate; when one bottle or bag is empty, another is hung.

**APSP INTERVENTION File** File #9009032.4. This file is used to enter pharmacy

interventions. Interventions in this file are records of occurrences where the pharmacist had to take some sort of action involving a particular prescription or order. A record would record the provider involved, why an intervention was necessary, what action was taken by the pharmacists, etc.

**Average Unit Drug Cost** The total drug cost divided by the total number of units

of measurement.

**BCMA** A VistA computer software package named Bar Code Medication Administration. This package validates medications against active orders prior to being administered to the patient.

**BSA** Body Surface Area. The Dubois formula is used to calculate the Body Surface Area using the following formula:

BSA (m²) = 0.20247 x Height (m)0.725 x Weight (kg)0.425

The equation is performed using the most recent patient height and weight values that are entered into the vitals package.

The calculation is not intended to be a replacement for independent clinical judgment.

**Chemotherapy** Chemotherapy is the treatment or prevention of cancer with chemical agents. The chemotherapy IV type administration can be a syringe, admixture, or a piggyback. Once the subtype (syringe, piggyback, etc.) is selected, the order entry follows the same procedure as the type that corresponds to the selected subtype (e.g., piggyback type of chemotherapy follows the same entry procedure as regular piggyback IV).

**Chemotherapy “Admixture”** The Chemotherapy “Admixture” IV type follows the

same order entry procedure as the regular admixture IV type. This type is in use when the level of toxicity of the chemotherapy drug is high and is to be administered continuously over an extended period of time (e.g., seven days).

**Chemotherapy “Piggyback”** The Chemotherapy “Piggyback” IV type follows the

same order entry procedure as the regular piggyback IV type. This type of chemotherapy is in use when the chemotherapy drug does not have time constraints on how fast it must be infused into the patient. These types are normally administered over a 30 - 60 minute interval.

**Chemotherapy “Syringe”** The Chemotherapy “Syringe” IV type follows the same

order entry procedure as the regular syringe IV type. Its administration may be continuous or intermittent. The pharmacist selects the type when the level of toxicity of the chemotherapy drug is low and needs to be infused

directly into the patient within a short time interval (usually 1-2 minutes).

**Clinic Group** A clinic group is a combination of outpatient clinics that have been defined as a group within Inpatient Medications to facilitate processing of orders.

**CLINIC DEFINITION File** File #53.46. This file is used in conjunction with

Inpatient Medications for Outpatients (IMO) to give the user the ability to define, by clinic, default stop dates, whether to auto-dc IMO orders, and whether to send IMO orders to BCMA.

**CLINIC GROUP File** File #57.8. This file is used to provide grouping of

clinics for the Non-Verified Pending option and miscellaneous reports.

**Continuous Syringe** A syringe type of IV that is administered continuously to the patient, similar to a hyperal IV type. This type of syringe is commonly used on outpatients and administered automatically by an infusion pump.

**Coverage Times** The start and end of coverage period designates administration times covered by a manufacturing run. There must be a coverage period for all IV types: admixtures and primaries, piggybacks, hyperals, syringes, and chemotherapy. For one type, admixtures for example, the user might define two coverage periods; one from 1200 to 0259 and another from 0300 to 1159 (this would mean that the user has two manufacturing times for admixtures).

**CPRS** A VistA computer software package called Computerized Patient Record Systems. CPRS is an application in VistA that allows the user to enter all necessary orders for a patient in different packages from a single application. All pending orders that appear in the Unit Dose and IV Medications modules are initially entered through the CPRS package.

**CrCL** Creatinine Clearance. The CrCL value which displays in the pharmacy header is identical to the CrCL value calculated in CPRS. The formula approved by the CPRS Clinical Workgroup is the following:

Modified Cockcroft-Gault equation using Adjusted Body Weight in kg (if ht > 60in)

This calculation is not intended to be a replacement for independent clinical judgment.

**Cumulative Doses** The number of IV doses actually administered, which equals the total number of bags dispensed less any recycled, destroyed, or canceled bags.

**DATUP** Data Update (DATUP). Functionality that allows the Pharmacy Enterprise Customization System (PECS) to send out VA custom and standard commercial-off-the- shelf (COTS) vendor database changes to update the production and pre-production centralized MOCHA databases at Austin and Philadelphia.

**Default Answer** The most common answer, predefined by the system to save time and keystrokes for the user. The default answer appears before the two slash marks (//) and can be selected by the user by pressing <**Enter**>.

**Delivery Times** The time(s) when IV orders are delivered to the wards.

**Dispense Drug** The Dispense Drug name has the strength attached to it (e.g., Acetaminophen 325 mg). The name alone without strength attached is the Orderable Item name.

**Dosage Ordered** After the user has selected the drug during order entry, the dosage ordered prompt is displayed.

**DRUG ELECTROLYTES File** File #50.4. This file contains the names of

anions/cations, and their concentration units.

**DRUG File** File #50. This file holds the information related to each drug that can be used to fill a prescription.

**Electrolyte** An additive that disassociates into ions (charged particles) when placed in solution.

**Entry By** The name of the user who entered the Unit Dose or IV order into the computer.

**Hospital Supplied Self Med** Self med which is to be supplied by the Medical

Center’s pharmacy. Hospital supplied self med is only

prompted for if the user answers Yes to the SELF MED prompt during order entry.

**Hyperalimentation (Hyperal)** Long term feeding of a protein-carbohydrate solution.

Electrolytes, fats, trace elements, and vitamins can be added. Since this solution generally provides all necessary nutrients, it is commonly referred to as Total Parenteral Nutrition (TPN). A hyperal is composed of many additives in two or more solutions. When the labels print, they show the individual electrolytes in the hyperal order.

**Infusion Rate** The designated rate of flow of IV fluids into the patient.

**INPATIENT USER** File #53.45. This file is used to tailor various aspects

**PARAMETERS File** of the Inpatient Medications package with regards to specific users. This file also contains fields that are used as temporary storage of data during order entry/edit.

**INPATIENT WARD** File #59.6. This file is used to tailor various aspects

**PARAMETERS File** of the Inpatient Medications package with regards to specific wards.

**Intermittent Syringe** A syringe type of IV that is administered periodically to

the patient according to an administration schedule.

**Internal Order Number** The number on the top left corner of the label of an IV

bag in brackets ([ ]). This number can be used to speed up the entry of returns and destroyed IV bags.

**IV ADDITIVES File** File #52.6. This file contains drugs that are used as additives in the IV room. Data entered includes drug generic name, print name, drug information, synonym(s), dispensing units, cost per unit, days for IV order, usual IV schedule, administration times, electrolytes, and quick code information.

**IV CATEGORY File** File #50.2. This file allows the user to create categories

of drugs in order to run “tailor-made” IV cost reports for specific user-defined categories of drugs. The user can group drugs into categories.

**IV Duration** The duration of an order may be entered in CPRS at the IV DURATION OR TOTAL VOLUME field in the IV

Fluids order dialog. The duration may be specified in

terms of volume (liters or milliliters), or time (hours or days). Inpatient Medications uses this value to calculate a default stop date/time for the order at the time the order is finished.

**IV Label Action** A prompt, requesting action on an IV label, in the form of “Action ( )”, where the valid codes are shown in the parentheses. The following codes are valid:

P – Print a specified number of labels now. B – Bypass any more actions.

S – Suspend a specified number of labels for the IV room to print on demand.

**IV Room Name** The name identifying an IV distribution area.

**IV SOLUTIONS File** File #52.7. This file contains drugs that are used as primary solutions in the IV room. The solution must already exist in the DRUG file (#50) to be selected. Data in this file includes: drug generic name, print name, status, drug information, synonym(s), volume, and electrolytes.

**IV STATS File** File #50.8. This file contains information concerning the IV workload of the pharmacy. This file is updated each time the *COmpile IV Statistics* option is run and the data stored is used as the basis for the AMIS (IV) report.

**Label Device** The device, identified by the user, on which computer- generated labels will be printed.

**Local Possible Dosages** Free-text dosages that are associated with drugs that do

not meet all of the criteria for Possible Dosages.

**LVP** Large Volume Parenteral — Admixture. A solution intended for continuous parenteral infusion, administered as a vehicle for additive(s) or for the pharmacological effect of the solution itself. It is comprised of any number of additives, including zero, in one solution. An LVP runs continuously, with another bag hung when one bottle or bag is empty.

**Manufacturing Times** The time(s) that designate(s) the general time when the

manufacturing list will be run and IV orders prepared. This field in the *SIte Parameters (IV)* [PSJI SITE

PARAMETERS] option (IV ROOM file (#59.5)) is for documentation only and does not affect IV processing.

**MEDICATION ADMINISTERING** File #57.7. This file contains wards, the teams used in

**TEAM File** the administration of medication to that ward and the rooms/beds assigned to that team.

**MEDICATION INSTRUCTION File** File #51.2. This file is used by Unit Dose and

Outpatient Pharmacy. It contains the medication instruction name, expansion, and intended use.

**MEDICATION ROUTES File** File #51.2. This file contains medication route names.

The user can enter an abbreviation for each route to be used at their site. The abbreviation will most likely be the Latin abbreviation for the term.

**Medication Routes/** Route by which medication is administered

**Abbreviations** (e.g., oral). The MEDICATION ROUTES file (#51.2) contains the routes and abbreviations, which are selected by each VAMC. The abbreviation cannot be longer than five characters to fit on labels and the MAR. The user can add new routes and abbreviations as appropriate.

**MOCHA** Medication Order Check Healthcare Application.

**Non-Formulary Drugs** The medications that are defined as commercially

available drug products not included in the VA National Formulary.

**Non-Verified Orders** Any order that has been entered in the Unit Dose or IV

Medications module that has not been verified (made active) by a nurse and/or pharmacist. Ward staff may not verify a non-verified order.

**Orderable Item** An Orderable Item name has no strength attached to it (e.g., Acetaminophen). The name with a strength attached to it is the Dispense Drug name (e.g., Acetaminophen 325mg).

**Order Sets** An Order Set is a set of N pre-written orders. (N indicates the number of orders in an Order Set is variable.) Order Sets are used to expedite order entry for drugs that are dispensed to all patients in certain medical practices and procedures.

**Order View** Computer option that allows the user to view detailed information related to one specific order of a patient. The order view provides basic patient information and identification of the order variables.

**Parenteral** Introduced by means other than by way of the digestive track.

**Patient Profile** A listing of a patient’s active and non-active Unit Dose and IV orders. The patient profile also includes basic patient information, including the patient’s name, social security number, date of birth, diagnosis, ward location, date of admission, reactions, and any pertinent remarks.

**PECS** Pharmacy Enterprise Customization System. A Graphical User Interface (GUI) web-based application used to research, update via DATUP, maintain, and report VA customizations of the commercial-off-the- shelf (COTS) vendor database used to perform Pharmacy order checks such as drug-drug interactions, duplicate therapy, and dosing.

**Pending Order** A pending order is one that has been entered by a provider through CPRS without Pharmacy or Nursing finishing the order. Once Pharmacy or Nursing has finished and verified the order, it will become active.

**PEPS** Pharmacy Enterprise Product Services. A suite of services that includes Outpatient and Inpatient services.

**PHARMACY SYSTEM File** File #59.7. This file contains data that pertains to the

entire Pharmacy system of a medical center, and not to any one site or division.

**Piggyback** Small volume parenteral solution for intermittent infusion. A piggyback is comprised of any number of additives, including zero, and one solution; the mixture is made in a small bag. The piggyback is given on a schedule (e.g., Q6H). Once the medication flows in, the piggyback is removed; another is not hung until the administration schedule calls for it.

**Possible Dosages** Dosages that have a numeric dosage and numeric dispense units per dose appropriate for administration. For a drug to have possible dosages, it must be a single

ingredient product that is matched to the VA PRODUCT file (#50.68). The VA PRODUCT file

(#50.68) entry must have a numeric strength and the dosage form/unit combination must be such that a numeric strength combined with the unit can be an appropriate dosage selection.

**Pre-Exchange Units** The number of actual units required for this order until the next cart exchange.

**Primary Solution** A solution, usually an LVP, administered as a vehicle for additive(s) or for the pharmacological effect of the solution itself. Infusion is generally continuous. An LVP or piggyback has only one solution (primary solution). A hyperal can have one or more solutions.

**Print Name** Drug generic name, as it is to appear on pertinent IV output, such as labels and reports. Volume or Strength is not part of the print name.

**Print Name{2}** Field used to record the additives contained in a commercially purchased premixed solution.

**Profile** The patient profile shows a patient’s orders. The Long profile includes all the patient’s orders, sorted by status: active, non-verified, pending, and non-active. The Short profile will exclude the patient’s discontinued and expired orders.

**Prompt** A point at which the system questions the user and waits for a response.

**Provider** Another term for the physician involved in the prescription of an IV or Unit Dose order for a patient.

**PSJI MGR** The name of the *key* that allows access to the supervisor functions necessary to run the IV medications software. Usually given to the Inpatient package coordinator.

**PSJI PHARM TECH** The name of the *key* that must be assigned to pharmacy

technicians using the IV Medications module. This key allows the technician to finish IV orders, but not verify them.

**PSJI PURGE** The key that must be assigned to individuals allowed to purge expired IV orders. This person will most likely be the IV application coordinator.

**PSJI RNFINISH** The name of the *key* that is given to a user to allow the finishing of IV orders. This user must also be a holder of the PSJ RNURSE key.

**PSJI USR1** The primary menu option that may be assigned to nurses.

**PSJI USR2** The primary menu option that may be assigned to technicians.

**PSJU MGR** The name of the *primary menu option* and of the *key* that must be assigned to the pharmacy package coordinators and supervisors using the Unit Dose Medications module.

**PSJU PL** The name of the *key* that must be assigned to anyone using the *Pick List Menu* options.

**PSJ PHARM TECH** The name of the *key* that must be assigned to pharmacy technicians using the Unit Dose Medications module.

**PSJ RNFINISH** The name of the *key* that is given to a user to allow the finishing of a Unit Dose order. This user must also be a holder of the PSJ RNURSE key.

**PSJ RNURSE** The name of the *key* that must be assigned to nurses using the Unit Dose Medications module.

**PSJ RPHARM** The name of the *key* that must be assigned to a pharmacist to use the Unit Dose Medications module. If the package coordinator is also a pharmacist he/she must also be given this key.

**PSJ STAT NOW ACTIVE** A mail group that notifies subscribers when a pending

**ORDER Mail Group** STAT or NOW order is made active.

**PSJ STAT NOW PENDING** A mail group that notifies subscribers when a pending

**ORDER Mail Group** STAT or NOW order has been received from CPRS.

**Quick Code** An abbreviated form of the drug generic name (from one to ten characters) for IV orders. One of the three

drug fields on which lookup is done to locate a drug. Print name and synonym are the other two. Use of quick codes will speed up order entry, etc.

**Report Device** The device, identified by the user, on which computer- generated reports selected by the user will be printed.

**Schedule** The frequency of administration of a medication (e.g., QID, QDAILY, QAM, STAT, Q4H).

**Schedule Type** Codes include: **O** - one time (i.e., STAT - only once), **P**

- PRN (as needed; no set administration times). **C**- continuous (given continuously for the life of the order; usually with set administration times). **R** - fill on request (used for items that are not automatically put in the cart - but are filled on the nurse’s request. These can be multidose items (e.g., eye wash, kept for use by one patient and is filled on request when the supply is exhausted). And **OC** - on call (one time with no specific time to be given, i.e., 1/2 hour before surgery).

**Self Med** Medication that is to be administered by the patient to himself.

**Standard Schedule** Standard medication administration schedules stored in the ADMINISTRATION SCHEDULE file (#51.1).

**Start Date/Time** The date and time an order is to begin.

**STAT and NOW Order Notification** Sends a text message to subscribers of the PSJ STAT

NOW mail groups when a pending STAT or NOW order has been received from CPRS or has been verified and made active.

**Status A** - active, **E** - expired, **R** - renewed (or reinstated), **D** - discontinued, **H** - on hold, **I** - incomplete, or **N** - non- verified, **U** – unreleased, **P** – pending, **O** – on call, **DE** – discontinued edit, **RE** – reinstated, **DR** – discontinued renewal.

**Stop Date/Time** The date and time an order is to expire.

**Stop Order Notices** A list of patient medications that are about to expire and may require action.

**Syringe** Type of IV that uses a syringe rather than a bottle or bag. The method of infusion for a syringe-type IV may be continuous or intermittent.

**Syringe Size** The syringe size is the capacity or volume of a particular syringe. The size of a syringe is usually measured in number of cubic centimeters (ccs).

**TPN** Total Parenteral Nutrition. The intravenous administration of the total nutrient requirements of the patient. The term TPN is also used to mean the solution compounded to provide those requirements.

**Units per Dose** The number of Units (tablets, capsules, etc.) to be dispensed as a Dose for an order. Fractional numbers will be accepted.

**VA Drug Class Code** A drug classification system used by VA that separates

drugs into different categories based upon their characteristics. IV cost reports can be run for VA Drug Class Codes.

**VDL** Virtual Due List. This is a Graphical User Interface (GUI) application used by the nurses when administering medications.

**Ward Group** A ward group indicates inpatient nursing units (wards) that have been defined as a group within Inpatient Medications to facilitate processing of orders.

**WARD GROUP File** File #57.5. This file contains the name of the ward group, and the wards included in that group. The grouping is necessary for the pick list to be run for specific carts and ward groups.

**Ward Group Name** A field in the WARD GROUP File (#57.5) used to assign an arbitrary name to a group of wards for the pick list and medication cart.

**WARD LOCATION File** File #42. This file contains all of the facility ward

locations and their related data, i.e., Operating beds, Bedsection, etc. The wards are created/edited using the *Ward Definition* option of the Automatic Data Transmission (ADT) module.