

INPATIENT MEDICATIONS

**TECHNICAL MANUAL/ SECURITY GUIDE**

## Version 5.0

December 1997

(Revised January 2012)

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** |
| 01/2012 | i-ii, v-viii | PSJ\*5\*254 | Updated Table of Contents |
|  | 22, 23 |  | Updated Routines |
|  | 69 |  | Added API |
|  | 94 |  | Added 5653 and 5654 Inpatient Medications Integration |
|  |  |  | Agreements |
|  |  |  | REDACTED |
| 04/2011 | i, v, vi, | PSJ\*5\*181 | Changes to *Revision History*, *Table of Contents*; added new field |
|  | vii, vii, 5- |  | to PHARMACY SYSTEM File (#59.7), added new field to the |
|  | 8b, |  | INPATIENT WARD PARAMETERS File (#59.6). Added |
|  | (changed |  | information re: the Pharmacy Reengineering (PRE) API Manual |
|  | flow) 22, |  | under “*Callable Routines*”; removed entire section 5.3, Routine |
|  | 23, 24, |  | Mapping, and all its sub-sections; added Health Level Seven |
|  | removed |  | (HL7) data field under segment { RXC}. Added the following |
|  | 25-26, |  | “*Inpatient Medications Custodial Integration Agreements*”: |
|  | changed |  | 4074, 4264, 4580, 5001, 5057; 5058, 5306, 5385. Added two |
|  | 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 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Revised Pages** | **Patch Number** | **Description** |
| 02/10 | [i,](#_bookmark0) 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 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 |

# 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](#_TOC_250004)
   1. [Descriptions 21](#_TOC_250003)
   2. [Callable Routines 24](#_TOC_250002)
      1. [Deleting Inpatient Routines 24](#_TOC_250001)
6. Templates 27
   1. Print Templates 27
   2. Input Templates 27
   3. List Templates 29
7. Exported Options 31
   1. Stand-alone Options 31
   2. Top-level Menus 31
      1. Menu Assignment 31
      2. Menu Placement 31
   3. Options 32
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
   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 69
      4. Setting Up Ward-Specific Mail Groups 69
10. [Inpatient Medications and BCMA 69](#_TOC_250000)
    1. API Exchange 69
    2. Med Order Button 70
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. Common Problems 81
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
    1. Packages Needed to Run Inpatient Medications 84
    2. Unit Dose Medications and Ward Stock 84
    3. Unit Dose Medications and Drug Accountability 84
    4. Calls Made by Inpatient Medications 86
    5. Introduction to Integration Agreements and Entry Points 86
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
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

# Routines

**\*\* IMPORTANT \*\***

A routine name followed by an asterisk (such as PSJ\*) is used to designate the complete set of the routines that start with those characters.

### Descriptions

The following routines are exported by the Inpatient Medications package. Routine names starting with the letters PSG designate routines used mainly by the Unit Dose Medications module. Routine names starting with the letters PSIV designate routines used mainly by the IV Medications module. Routine names starting with the letters PSJ designate Inpatient Medications routines - utilities used by IV, Unit Dose, and other packages.

|  |  |  |  |
| --- | --- | --- | --- |
| PSGAL5 | PSGAMS | PSGAMS0 | PSGAMSA |
| PSGAP | PSGAP0 | PSGAPH | PSGAPIV |
| PSGAPP | PSGAXR | PSGBRJ | PSGCAP |
| PSGCAP0 | PSGCAPIV | PSGCAPP | PSGCAPP0 |
| PSGCT | PSGDCC | PSGDCCM | PSGDCR0 |
| PSGDCT | PSGDCT1 | PSGDCTP | PSGDL |
| PSGDS | PSGDS0 | PSGDSP | PSGDSP0 |
| PSGDSP1 | PSGDSPN | PSGEUD | PSGEUDD |
| PSGEUDP | PSGFILD0 | PSGFILD1 | PSGFILD2 |
| PSGFILD3 | PSGFILED | PSGGAO | PSGIU |
| PSGL | PSGL0 | PSGLBA | PSGLH |
| PSGLOI | PSGLPI | PSGLW | PSGMAR |
| PSGMAR0 | PSGMAR1 | PSGMAR2 | PSGMAR3 |
| PSGMI | PSGMIV | PSGMMAR | PSGMMAR0 |
| PSGMMAR1 | PSGMMAR2 | PSGMMAR3 | PSGMMAR4 |
| PSGMMAR5 | PSGMMARH | PSGMMIV | PSGMMIVC |
| PSGMUTL | PSGNE3 | PSGO | PSGOD |
| PSGOE | PSGOE0 | PSGOE1 | PSGOE2 |
| PSGOE3 | PSGOE31 | PSGOE4 | PSGOE41 |
| PSGOE42 | PSGOE5 | PSGOE6 | PSGOE7 |
| PSGOE8 | PSGOE81 | PSGOE82 | PSGOE9 |

|  |  |  |  |
| --- | --- | --- | --- |
| PSGOE91 | PSGOE92 | PSGOEC | PSGOECA |
| PSGOECS | PSGOEE | PSGOEE0 | PSGOEEW |
| PSGOEF | PSGOEF1 | PSGOEF2 | PSGOEH0 |
| PSGOEH1 | PSGOEHA | PSGOEI | PSGOEL |
| PSGOEM | PSGOEM1 | PSGOENG | PSGOEPO |
| PSGOER | PSGOER0 | PSGOER1 | PSGOERI |
| PSGOERS | PSGOES | PSGOESF | PSGOETO |
| PSGOETO1 | PSGOEV | PSGOEVS | PSGON |
| PSGORS0 | PSGORVW | PSGOT | PSGOTR |
| PSGOU | PSGP | PSGPEN | PSGPER |
| PSGPER0 | PSGPER1 | PSGPER2 | PSGPL |
| PSGPL0 | PSGPL1 | PSGPLD | PSGPLDP |
| PSGPLDP0 | PSGPLDPH | PSGPLF | PSGPLFM |
| PSGPLG | PSGPLPRG | PSGPLR | PSGPLR0 |
| PSGPLRP | PSGPLUP | PSGPLUP0 | PSGPLUTL |
| PSGPLXR | PSGPO | PSGPOR | PSGPR |
| PSGPRVR | PSGPRVR0 | PSGRET | PSGRPNT |
| PSGS0 | PSGSCT | PSGSCT0 | PSGSEL |
| PSGSET | PSGSETU | PSGSH | PSGSICH |
| PSGSICH1 | PSGSICH2 | PSGSICHK | PSGSSP |
| PSGTAP | PSGTAP0 | PSGTAP1 | PSGTCTD |
| PSGTCTD0 | PSGTI | PSGVBW | PSGVBW0 |
| PSGVBW1 | PSGVBWP | PSGVBWU | PSGVDS |
| PSGVW | PSGVW0 | PSGVWP | PSIV |
| PSIVACT | PSIVAL | PSIVALN | PSIVALNC |
| PSIVAMIS | PSIVAOR | PSIVAOR1 | PSIVBCID |
| PSIVCAL | PSIVCHK | PSIVCHK1 | PSIVCSED |
| PSIVDCR | PSIVDCR1 | PSIVDCR2 | PSIVDRG |
| PSIVEDRG | PSIVEDT | PSIVEDT1 | PSIVHIS |
| PSIVHLD | PSIVHLP | PSIVHLP1 | PSIVHLP2 |
| PSIVHLP3 | PSIVHYP | PSIVHYPL | PSIVHYPR |
| PSIVLABL | PSIVLABR | PSIVLB | PSIVLBDL |
| PSIVLBL1 | PSIVLBRP | PSIVLTR | PSIVLTR1 |
| PSIVMAN | PSIVMAN1 | PSIVOC | PSIVOCDS |
| PSIVOE | PSIVOPT | PSIVOPT1 | PSIVOPT2 |
| PSIVORA | PSIVORA1 | PSIVORAL | PSIVORC |
| PSIVORC1 | PSIVORC2 | PSIVORE | PSIVORE1 |
| PSIVORE2 | PSIVOREN | PSIVORFA | PSIVORFB |
| PSIVORFE | PSIVORH | PSIVORLB | PSIVORV1 |
| PSIVORV2 | PSIVPAT | PSIVPCR | PSIVPCR1 |
| PSIVPGE | PSIVPR | PSIVPRO | PSIVQUI |
| PSIVRD | PSIVRDC | PSIVREC | PSIVRNL |
| PSIVRP | PSIVRP1 | PSIVRQ | PSIVRQ1 |

22 Inpatient Medications V. 5.0 January 2012

|  |  |  |  |
| --- | --- | --- | --- |
| PSIVSET | PSIVSP | PSIVSPDC | PSIVUDL |
| PSIVUTL | PSIVUTL1 | PSIVUWL | PSIVVW1 |
| PSIVWCR | PSIVWCR1 | PSIVWL | PSIVWL1 |
| PSIVWRP | PSIVXREF | PSIVXU | PSJ53P1 |
| PSJ59P5 | PSJAC | PSJADT | PSJADT0 |
| PSJADT1 | PSJADT2 | PSJALG | PSJAPIDS |
| PSJBCMA | PSJBCMA1 | PSJBCMA2 | PSJBCMA3 |
| PSJBCMA4 | PSJBLDOC | PSJCOM | PSJCOM1 |
| PSJCOMR | PSJCOMV | PSJDCHK | PSJDCU |
| PSJDDUT | PSJDDUT2 | PSJDDUT3 | PSJDEA |
| PSJDGAL | 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 |
| 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 |  |  |  |

January 2012 Inpatient Medications V. 5.0 23

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.



24 Inpatient Medications V. 5.0 November 2005 Technical Manual/Security Guide

# 10 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.

**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.

January 2012 Inpatient Medications V. 5.0 69

Technical Manual/Security Guide PSJ\*5\*254

### 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.

2945 NAME: **Use of calls in PSIVSP**

CUSTODIAL PACKAGE: INPATIENT MEDICATIONS Birmingham SUBSCRIBING PACKAGE: ORDER ENTRY/RESULTS REPORTING Salt Lake City

ROUTINE: PSIVSP

3143 NAME: **DBIA3143**

CUSTODIAL PACKAGE: INPATIENT MEDICATIONS Birmingham SUBSCRIBING PACKAGE: CLINICAL REMINDERS Salt Lake City

ROUTINE: PSJORAPI

3167 NAME: **3167**

CUSTODIAL PACKAGE: INPATIENT MEDICATIONS Birmingham SUBSCRIBING PACKAGE: ORDER ENTRY/RESULTS REPORTING Salt Lake City

ROUTINE: PSJORPOE

3243 NAME: **Active Flag**

CUSTODIAL PACKAGE: INPATIENT MEDICATIONS Birmingham SUBSCRIBING PACKAGE: ORDER ENTRY/RESULTS REPORTING Salt Lake City

ROUTINE: PSJORREN

3320 NAME: **UPDATE BCMA STATUS INFORMATION**

CUSTODIAL PACKAGE: INPATIENT MEDICATIONS Birmingham SUBSCRIBING PACKAGE: BAR CODE MED ADMIN Birmingham

ROUTINE: PSJBCMA3

3416 NAME: **DBIA3416**

CUSTODIAL PACKAGE: INPATIENT MEDICATIONS Birmingham SUBSCRIBING PACKAGE: BAR CODE MED ADMIN Birmingham

ROUTINE: PSJBCMA4

3598 NAME: **DBIA3598**

CUSTODIAL PACKAGE: INPATIENT MEDICATIONS Birmingham SUBSCRIBING PACKAGE: ORDER ENTRY/RESULTS REPORTING Salt Lake City

ROUTINE: PSJOERI

3836 NAME: **PSJPXRM1**

CUSTODIAL PACKAGE: INPATIENT MEDICATIONS Birmingham SUBSCRIBING PACKAGE: CLINICAL REMINDERS Salt Lake City

ROUTINE: PSJPXRM1

3876 NAME: **PSJBCBU**

CUSTODIAL PACKAGE: INPATIENT MEDICATIONS Birmingham SUBSCRIBING PACKAGE: BAR CODE MED ADMIN Birmingham

ROUTINE: PSJBCBU

4074 NAME: OR Call to PSJORUT2

CUSTODIAL PACKAGE: INPATIENT MEDICATIONS Birmingham SUBSCRIBING PACKAGE: ORDER ENTRY/RESULTS REPORTING Salt Lake City

ROUTINE: PSJORUT2

4264 NAME: **PDM ACCESS TO PSJXRFS**

CUSTODIAL PACKAGE: INPATIENT MEDICATIONS Birmingham SUBSCRIBING PACKAGE: PHARMACY DATA MANAGEMENT Birmingham

ROUTINE: PSJXRFS

4265 NAME: **PDM ACCESS TO PSJXRFK**

CUSTODIAL PACKAGE: INPATIENT MEDICATIONS Birmingham SUBSCRIBING PACKAGE: PHARMACY DATA MANAGEMENT Birmingham

ROUTINE: PSJXRFK

4537 NAME: **PSJ53P1**

CUSTODIAL PACKAGE: INPATIENT MEDICATIONS Birmingham SUBSCRIBING PACKAGE:

ROUTINE: PSJ53P1

4580 NAME: **VALIDATE DOW SCHEDULES**

CUSTODIAL PACKAGE: INPATIENT MEDICATIONS Birmingham SUBSCRIBING PACKAGE: PHARMACY DATA MANAGEMENT Birmingham

ROUTINE: PSIVUTL

4819 NAME: **PSJ59P5**

CUSTODIAL PACKAGE: INPATIENT MEDICATIONS Birmingham SUBSCRIBING PACKAGE:

ROUTINE: PSJ59P5

5001 NAME: **Pointing to the PHARMACY QUICK ORDER (#57.1) File**

CUSTODIAL PACKAGE: INPATIENT MEDICATIONS Birmingham SUBSCRIBING PACKAGE:

USUAGE: Supported

5057 NAME: **BCMA LAST ACTION**

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

DRUG ACCOUNTABILITY ROUTINE: PSJUTL2

5058 NAME: **ALLERIES ARRAY**

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

ROUTINE: PSJMUTL

5306 NAME: **PSJBLDOC**

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

ROUTINE: PSJBLDOC

5385 NAME: **Dosing Checks for IVs**

CUSTODIAL PACKAGE: INPATIENT MEDICATIONS Birmingham SUBSCRIBING PACKAGE: ORDER ENTRY/RESULTS REPORTING Salt Lake City

ROUTINE: PSJAPIDS

5653 NAME: **RETURN CPRS ORDER CHECKS AND OVERRIDES TO BCMA**

CUSTODIAL PACKAGE: INPATIENT MEDICATIONS Birmingham SUBSCRIBING PACKAGE: BAR CODE MED ADMIN Birmingham

ROUTINE: GETPROVL^PSGSICH1

5654 NAME: **INPATIENT INTERVENTIONS TO BCMA**

CUSTODIAL PACKAGE: INPATIENT MEDICATIONS Birmingham SUBSCRIBING PACKAGE: BAR CODE MED ADMIN Birmingham

ROUTINE: INTRDIC^PSGSICH1

94 Inpatient Medications V. 5.0 January 2012