

INPATIENT MEDICATIONS

**NURSE’S USER MANUAL**

Version 5.0

December 1997

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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.

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| --- | --- | --- | --- |
| **Date** | **Revised Pages** | **Patch Number** | **Description** |
| 04/2013 | i-x, 11,  12, 13-14,  14a, 16d-  16f, 74m-  74x, 77,  98, 100-  101, 140-  141 | PSJ\*5\*275 | Added Clinic Orders functionality  REDACTED |
| 01/2013 | i v 5  vii, 9, 11  10, 20,  140  16, 16a,  16c, 26,  40, 40a,  40c, 41-  42, 52, 57,  67, 71,  74a, 74c,  74d, 77,  99, 104,  106, 107,  111, 114  73a-73d  74f-74f1  74f2  124  125-138  139-142 | PSJ\*5\*260 PSJ\*5\*268 | Updated Revision History Updated Table of Contents  Fix text wrapping (Page 1 of 1) in screen  Added new option Check Drug Interaction & Display Drug Allergies  Change label for OCI  Added Creatinine Clearance (CrCl) and Body Surface Area (BSA)  Added new section for Check Drug Interactions function Added Clinic Orders information  Drug allergy update  Added Hidden Action Check Interactions & Display Drug Allergies, and update OCI  Updated Glossary Updated Index  REDACTED |
| 09/2012 | i-iii, 12, 12a-12b,  14, 14a-  14b, 16d- | PSJ\*5\*267 | Added No Allergy Assessment logic  Updated Special Instructions/Other Print Info |

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| **Date** | **Revised Pages** | **Patch Number** | **Description** |
|  | 16f, |  |  |
| 24b-24d, | REDACTED |
| 26-27, |  |
| 27a-27b, |  |
| 30, 30a- |  |
| 30b, 59, |  |
| 59a-59b |  |
| 131 |  |
| 01/2012 | i-iv | PSJ\*5\*254 |  |
|  | v-vi |  | Updated Table of Contents |
|  | 10 |  | Added Order Checks/Interventions (OCI) to “Hidden Actions” |
|  |  |  | section |
|  | 20 |  | Defined OCI Indicator |
|  | 23 |  | Updated Schedule Type text |
|  | 35 |  | Updated text under Interventions Menu |
|  | 47, 53, 60 |  | Updated Pharmacy Interventions for Edit, Renew, and Finish |
|  |  |  | orders |
|  | 74d |  | Added note to Drug-Drug Interactions |
|  | 74f-74g |  | Added note to Drug-Allergy Interactions |
|  | 74k |  | Added “Display Pharmacist Intervention” section |
|  | 74l |  | Defined Historical Overrides/Interventions |
|  | 124, 127, |  | Updated Glossary |
|  | 131, 133, |  |  |
|  | 134 |  | Updated Index |
|  | 137-140 |  | REDACTED |
| 09/2011 | 65 | PSJ\*5\*235 | Updated ‘Note’ section regarding Expected First Dose  REDACTED |
| 07/2011 | Cover Page  i, 16  140 | PSJ\*5\*243 | Removed the acronym PD on Cover page Update Revision History  Update Index  Revised the existing display in the *Non-Verified/Pending Orders* [PSJU VBW] option from a pure alphabetic listing of patient names, to a categorized listing by priority. Added “priority” to Index.  REDACTED |
| 04/2011 | i | PSJ\*5\*181 | Updated Revision History |
|  | v-vi |  | Updated Table of Contents |
|  | 12 |  | New Example: Patient Information Screen |
|  | 13 |  | New Example: Non-Verified/Pending Orders |
|  | 15-16d |  | Updated: Example: Short Profile, HOURS OF RECENTLY |
|  |  |  | DC/EXPIRED field (#7) and INPATIENT WARD |
|  |  |  | PARAMETERS file (#59.6) information, and Example: |
|  |  |  | Profile. |
|  | 18 |  | Updated “Select DRUG:” |
|  | 20 |  | New Example: Dispense Drug with Possible Dosages and |
|  |  |  | New Example: Dispense Drug with Local Possible Dosages |

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| --- | --- | --- | --- |
| **Date** | **Revised Pages** | **Patch Number** | **Description** |
|  | 26-27 |  | New Example: New Order Entry |
| 33-34b | New Example: New Order Entry (Clinic Location) |
| 35-39 | New Examples of all the New Interventions |
| 40-40d | Updated the View Profile and New Example: Profile View |
| 46 | New Medication Profile Discontinue Type Codes |
| 67 | New Example: Flagged Order |
| 71 | New Example: Inpatient Profile |
| 72-73 | Updated Order Checks |
| 74 | New Example: Local Outpatient Order Display and New |
|  | Example: Remote Outpatient Order Display |
| 74a-74c | Duplicate Therapy |
| 74d-74f | Drug-Drug Interaction |
| 74f-74g | CPRS Order Checks |
| 105 | Updated Example: Authorized Absence/Discharge |
|  | Summary (continued) |
| 119-120 | CPRS Order checks: How they work |
| 121-122 | Error Messages |
| 123-136 | Glossary - fix page numbering |
| 137-140 | Index - new entries and fix page numbering |
|  | REDACTED |
| 06/2010 | i-vi, 22- | PSJ\*5\*113 | Added new Order Validation Requirements. |
|  | 23, 23a-  23b, 24,  24a-24b, |  | Removed Duplicate Order Check Enhancement functionality, PSJ\*5\*175 (removed in a prior patch). |
|  | 74a-74b, |  |  |
|  | 74e-74f, |  |  |
|  | 133, 136-  137 |  | Miscellaneous corrections. |
|  | 77, 100, |  |  |
|  | 103, 108- |  | REDACTED |
|  | 110, 112, |  |  |
|  | 114 |  |  |
| 12/2009 | 60a, 60b  vi | PSJ\*5\*222 | Added description of warning displayed when finishing a Complex Unit Dose Order with overlapping admin times. Corrected page numbers in Table of Contents. REDACTED |
| 07/2009 | 48 | PSJ\*5\*215 | When Dispense Drug is edited for an active Unit Dose, an entry is added to the activity log.  REDACTED |
| 02/2009 | 125 | PSJ\*5\*196 | Update to IV Duration  REDACTED |
| 08/2008 | 19-37, | PSJ\*5\*134 | Inpatient Medication Route changes added, plus details on IV |
|  | 58-59, 65, |  | type changes for infusion orders from CPRS, pending renewal |

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Revised Pages** | **Patch Number** | **Description** |
|  | 134 |  | functions, and expected first dose changes.  REDACTED |
| 10/2007 | iv, 74a- | PSJ\*5\*175 | Modified outpatient header text for display of duplicate orders. |
|  | 74d |  | Added new functionality to Duplicate Drug and Duplicate Class |
|  |  |  | definitions. |
|  |  |  | Modifications for remote allergies, to ensure all allergies are |
|  | 5, 12, |  | included when doing order checks using VA Drug Class; |
|  | 16- 17, 26, | PSJ\*5\*160 | Analgesic order checks match against specific class only; check |
|  | 34-38, |  | for remote data interoperability performed when entering |
|  | 41-42, |  | patient’s chart; and list of remote allergies added to Patient |
|  | 72-73 |  | Information screen. |
|  |  |  | REDACTED |
| 07/2007 | 79a-79b,  86a-86b,  92a-92b | PSJ\*5\*145 | On 24-Hour, 7-Day, and 14-Day MAR Reports, added prompt to include Clinic Orders when printing by Ward or Ward Group.  Also added prompt to include Ward Orders when printing by Clinic or Clinic Group.  REDACTED |
| 05/2007 | 24 | PSJ\*5\*120 | Modified Inpatient Medications V. 5.0 to consider the duration the same way as all other stop date parameters, rather than as an override.  REDACTED |
| 12/2005 | 1,  73-74b | PSJ\*5\*146 | Remote Data Interoperability (RDI) Project: Removed document revision dates in Section 1. Introduction. Updated Section 4.9.  Order Checks, to include new functionality for remote order checking. |
|  |  |  | REDACTED |
| 01/2005 | All | PSJ\*5\*111 | Reissued entire document to include updates for Inpatient Medications Orders for Outpatients and Non-Standard Schedules.  REDACTED |

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

**Since the documentation is arranged in a topic oriented format and the screen options are not, a menu tree is provided below for the newer users who may need help finding the explanations to the options.**

## Menu Tree Topic-Oriented Section

|  |  |  |
| --- | --- | --- |
|  | Align Labels (Unit Dose) | Output Options |
| Discontinue All of a Patient's Orders | Order Options |
| EUP | Edit Inpatient User Parameters | Maintenance Options |
|  | Hold All of a Patient's Orders | Order Options |
| IOE | Inpatient Order Entry | Order Options |
| IPF | Inpatient Profile | Order Options |
|  | Check Drug Interaction | Order Options |
|  | INQuiries Menu… | Inquiries Option |
|  | Dispense Drug Look-Up | Inquiries Option |
|  | Standard Schedules | Inquiries Option |
|  | Label Print/Reprint | Output Options |
|  | Non-Verified/Pending Orders | Order Options |
|  | Order Entry | Order Options |
|  | PAtient Profile (Unit Dose) | Output Options |
|  | Reports Menu… | Output Options |
|  | 24 Hour MAR | Output Options |
|  | 7 Day MAR | Output Options |
|  | 14 Day MAR | Output Options |
|  | Action Profile #1 | Output Options |
|  | Action Profile #2 | Output Options |
|  | AUthorized Absence/Discharge | Output Options |

Summary

Extra Units Dispensed Report Output Options Free Text Dosage Report Output Options

INpatient Stop Order Notices Output Options

Medications Due Worksheet Output Options

Patient Profile (Extended) Output Options

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# Order Options

The *Unit Dose Medications* option is used to access the order entry, patient profiles, and various reports, and is the main starting point for the Unit Dose system.

**Example: Unit Dose Menu**

Select Unit Dose Medications Option: **?**

Align Labels (Unit Dose)

Discontinue All of a Patient's Orders ECO Edit Clinic Med Orders Start Date/Time EUP Edit Inpatient User Parameters

ESD Edit Patient's Default Stop Date Hold All of a Patient's Orders

IOE Inpatient Order Entry IPF Inpatient Profile

RO Act On Existing Orders Check Drug Interaction INQuiries Menu ...

Label Print/Reprint

Non-Verified/Pending Orders Order Entry

PAtient Profile (Unit Dose) PIck List Menu ...

Reports Menu

Within the Inpatient Medications package there are three different paths the nurse can take to enter a new order or take action on an existing order. They are (1) *Order Entry*, (2) *Non- Verified/Pending Orders* and (3) *Inpatient Order Entry*. Each of these paths differs by the prompts that are presented. Once the nurse has reached the point of entering a new order or selecting an existing order, the process becomes the same for each path.

**Note**: When the selected order type (non-verified or pending) does not exist (for that patient) while the user is in the *Non-Verified/Pending Orders* option, the user cannot enter a new order or take action on an existing order for that patient.



Patient locks and order locks are incorporated within the Inpatient Medications package. When a user (User 1) selects a patient through any of the three paths, *Order Entry*, *Non-Verified/Pending Orders,* or *Inpatient Order Entry*, and this patient has already been selected by another user (User 2), the user (User 1) will see a message that another user (User 2) is processing orders for this patient. This will be a lock at the patient level within the Pharmacy packages. When the other user (User 2) is entering a new order for the patient, the user (User 1) will not be able to access the patient due to a patient lock within the VistA packages. A lock at the order level is issued when an order is selected through Inpatient Medications for any action other than new order entry. Any users attempting to access this patient’s order will receive a message that another user is working on this order. This order-level lock is within the VistA packages.

The three different paths for entering a new order or taking an action on an existing order are summarized in the following sections.

## Order Entry

### [PSJU NE]

The *Order Entry* option allows the nurse to create, edit, renew, hold, and discontinue Unit Dose orders while remaining in the Unit Dose Medications module. The *Order Entry* option functions almost identically to the *Inpatient Order Entry* option, but does not include IV orders on the profile and only Unit Dose orders may be entered or processed.

The *Order Entry* [PSJU NE] option also allows for processing of clinic orders. New clinic orders cannot be created. Clinic orders are displayed separately from non-clinic orders.

After selecting the *Order Entry* option from the *Unit Dose Medications* option, the nurse will be prompted to select the patient. At the “Select PATIENT:” prompt, the user can enter the patient’s name or enter the first letter of the patient’s last name and the last four digits of the patient’s social security number (e.g., P0001).

Before the Patient Information screen displays, if the patient selected has no allergy assessment on file, the following prompt displays to the pharmacist/user:

"NO ALLERGY ASSESSMENT exists for this patient! Would you like to enter one now?"

* If the pharmacist/user enters 'YES,' he/she is prompted to enter the allergy information.
* If the pharmacist/user enters 'NO,' a pharmacist intervention is created, with a type of 'NO ALLERGY ASSESSMENT.' The pharmacist/user is then prompted for Provider and Recommendation information.

**Note:** If the selected patient is Sensitive, Discharged, both Sensitive and Discharged, or Deceased, there are variations in the Order Entry process and in the prompts that display to the pharmacist/user.



**Example: Pharmacist Answers ‘Yes’ and Enters Allergy Information**

Select PATIENT: PSJPATIENT1, ONE

NO ALLERGY ASSESSMENT exists for this patient! Would you like to enter one now? No// YES (Yes)

Does this patient have any known allergies or adverse reactions? : Yes This patient has no allergy/adverse reaction data.

Enter Causative Agent: LATEX

Checking existing PATIENT ALLERGIES (#120.8) file for matches... Now checking GMR ALLERGIES (#120.82) file for matches...

Now checking the National Drug File - Generic Names (#50.6)

Now checking the National Drug File - Trade Names (#50.67)

## Non-Verified/Pending Orders

### [PSJU VBW]

The *Non-Verified/Pending Orders* option allows easy identification and processing of non- verified and/or pending orders. This option will also show pending and pending renewal orders, which are orders from CPRS that have not been finished by Pharmacy Service. Unit Dose and IV orders are displayed using this option.

The *Non-Verified/Pending Orders* [PSJU VBW] option also allows for processing of clinic orders. New clinic orders cannot be created. Clinic orders are displayed separately from non- clinic orders.

If this is the first time into this option, the first prompt will be: Select IV ROOM NAME. If not, then the first prompt is “Display an Order Summary? NO// ”. A **YES** answer will allow the nurse to view an Order Summary of Pending/Non-Verified Order Totals by Ward Group, Clinic Group, and Clinic. The Pending IV, Pending Unit Dose, Non-Verified IV, and Non-Verified Unit Dose totals are then listed by Ward Group, Clinic Group, and Clinic. The nurse can then specify whether to display Non-Verified Orders, Pending Orders or both.

A ward group indicates inpatient nursing units (wards) that have been defined as a group within Inpatient Medications to facilitate processing of orders. A clinic group is a combination of outpatient clinics that have been defined as a group within Inpatient Medications to facilitate processing of orders.

**Example: Non-Verified/Pending Orders**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Non-Verified/Pending Orders  Select IV ROOM NAME: TST ISC ROOM  You are signed on under the TST ISC ROOM IV ROOM Enter IV LABEL device: HOME// COMPUTER ROOM  Enter IV REPORT device: HOME// COMPUTER ROOM Display an Order Summary? NO// YES  Searching for Pending and Non-Verified orders...................................  Pending/Non-Verified Order Totals by Ward Group/Clinic Location Pending Non-Verified | | | | |
| Ward Group/Clinic Location | IV | UD | IV | UD |
| Ward Groups |  |  |  |  |
| GEN MED | 5 | 5 | 0 | 3 |
| TST 1 Group | 1 | 3 | 0 | 0 |
| TST 3 | 0 | 2 | 0 | 0 |
| ^OTHER | 5 | 27 | 1 | 5 |
| Clinics |  |  |  |  |
| 45 CLINIC PATTERN | 5 | 0 | 0 | 0 |

1. Non-Verified Orders
2. Pending Orders

Select Order Type(s) (1-2):

**Note**: The Ward Group of ^OTHER includes all orders from wards that do not belong to a ward group. Use the *Ward Group Sort* option to select ^OTHER.



Next, the nurse can select which packages to display: Unit Dose Orders, IV Orders, or both, provided this user holds the PSJ RNFINISH and the PSJI RNFINISH keys. If the user holds only one of the RNFINISH keys, then either Unit Dose or IV orders will be displayed.

The next prompt allows the nurse to select non-verified and/or pending orders for a group (**G**), ward (**W**), clinic (**C**), patient (**P**), or priority (**PR**). When group is selected, a prompt to select by ward group (**W**) or clinic group (**C**) displays.

If ward or ward groups is selected, patients will be listed by wards, then by priority, then by teams, and then by patient name. Patients that have one or more STAT pending orders will be listed first, followed by patients with one or more ASAP pending orders, and then all other patients that have only ROUTINE pending orders. Within each priority, the patient listing is sorted alphabetically by team and then by patient name.

When priority is selected, only patients with the selected priority will display, listed by team and then by patient name.

Before the Patient Information screen displays, if the patient selected has no allergy assessment on file, the following prompt displays to the pharmacist/user:

"NO ALLERGY ASSESSMENT exists for this patient! Would you like to enter one now?"

* If the pharmacist/user enters 'YES,' he/she is prompted to enter the allergy information.
* If the pharmacist/user enters 'NO,' a pharmacist intervention is created, with a type of 'NO ALLERGY ASSESSMENT.' The pharmacist/user is then prompted for Provider and Recommendation information.

**Note:** If the selected patient is Sensitive, Discharged, both Sensitive and Discharged, or Deceased, there are variations in the process and in the prompts that display to the pharmacist/user.



**Example: Pharmacist Answers ‘Yes’ and Enters Allergy Information**

Select PATIENT: PSJPATIENT1, ONE

NO ALLERGY ASSESSMENT exists for this patient! Would you like to enter one now? No// YES (Yes)

Does this patient have any known allergies or adverse reactions? : Yes This patient has no allergy/adverse reaction data.

Enter Causative Agent: LATEX

Checking existing PATIENT ALLERGIES (#120.8) file for matches...

Now checking GMR ALLERGIES (#120.82) file for matches... Now checking the National Drug File - Generic Names (#50.6)

Now checking the National Drug File - Trade Names (#50.67) Now checking the INGREDIENTS (#50.416) file for matches...

...OK? Yes// Y (Yes) LATEX OK? Yes// (Yes)

**Example: Pharmacist Answers ‘No’ and Intervention is Created**

Select PATIENT: PSJPATIENT1, ONE

NO ALLERGY ASSESSMENT exists for this patient! Would you like to enter one now? No// N (No) Now creating Pharmacy Intervention

PROVIDER:

Select one of the following:

1. UNABLE TO ASSESS
2. OTHER

RECOMMENDATION: ^

See 'Pharmacy Intervention Menu' if you want to delete this intervention or for more options.

Press Return to continue...

1. Unit Dose Orders
2. IV Orders

Select Package(s) (1-2): **1-2**

Select by GROUP (G), WARD (W), CLINIC (C), PATIENT (P), or PRIORITY (PR): **PATIENT <Enter>**

Select by WARD GROUP (W) or CLINIC GROUP (C): **WARD <Enter>**

Select PATIENT: **PSJPATIENT1,ONE**

000-00-0001 08/18/20 B-12 1 EAST

Select PATIENT: **<Enter>**

A profile prompt is displayed asking the nurse to choose a profile for the patient. The nurse can choose a short, long, or no profile. If **NO** profile is chosen, the orders for the patient selected will be displayed, for finishing or verification, by login date with the earliest date showing first.

When a pending Unit Dose order has a STAT priority, this order will always be displayed first in the profile view and will be displayed in blinking reverse video. If a profile is chosen, the orders will be selected from this list for processing (any order may be selected). The following example displays a short profile.

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

**Example: Profile**

Inpatient Order Entry Jun 12, 2006@23:12:54 Page: 1 of 1

PSJPATIENT11, ONE Ward: 2ASM

PID: 000-55-3421 Room-Bed: 102-1 Ht(cm): ( ) DOB: 12/02/23 (82) Wt(kg): 100.00 (06/24/03)

Sex: MALE Admitted: 12/11/01

Dx: HE IS A PAIN. Last transferred: 12/11/01

CrCL: <Not Found> BSA (m2):

- - - - - - - - - - - - - - - - - A C T I V E - - - - - - - - - - - - - - - - -

* + 1. CEFAZOLIN 1 GM C 06/12 06/22 H in 5% DEXTROSE 50 ML Q8H
    2. CIMETIDINE TAB C 06/12 07/12 A Give: 300MG PO BID
    3. FUROSEMIDE TAB C 06/01 06/15 HP Give: 40MG PO QAM

- - - - - - - - - - - - - - N O N - V E R I F I E D - - - - - - - - - - - - - -

* + 1. CAPTOPRIL TAB C 06/14 06/28 N Give: 25MG PO BID

- - - - - - - - - - - - P E N D I N G R E N E W A L S - - - - - - - - - - - -

5 HALOPERIDOL TAB ? \*\*\*\*\* \*\*\*\*\* P 06/14 Give: 5MG PO BID

- - - - - - - - - - - - - - - - P E N D I N G - - - - - - - - - - - - - - - -

1. HEPARIN/DEXTROSE INJ,SOLN ? \*\*\*\*\* \*\*\*\*\* P Give: IV
2. LACTULOSE SYRUP ? \*\*\*\*\* \*\*\*\*\* P NF Give: 10GM/15ML PO BID PRN

- - - - - - - - - - - RECENTLY DISCONTINUED/EXPIRED (LAST 24 HOURS) - - - - - - - -

1. FOLIC ACID TAB C 06/14 06/16 D Give: 1MG PO QAM
2. GENTAMICIN 80 MG C 06/12 06/12 D in 5% DEXTROSE 100 ML Q8H
3. ISONIAZID TAB C 04/03 04/17 DF Give: 300MG PO QD
4. POTASSIUM CHLORIDE 10MEQ C 06/12 06/12 DA in 5% DEXTROSE 1000 ML Q8H
5. POTASSIUM CHLORIDE 40 MEQ C 06/12 06/12 DD in 5% DEXTROSE 250 ML 120 ml/hr
6. PROPRANOLOL TAB C 06/15 06/20 DP Give: 40MG PO Q6H
7. THIAMINE TAB C 04/03 04/17 E Give: 100MG PO BID

Enter ?? for more actions

PI Patient Information SO Select Order

PU Patient Record Update NO New Order Entry

The nurse can enter a Patient Action at the “Select Action: Quit//” prompt in the Action Area of the screen or choose a specific order or orders.

When the nurse holds the PSJ RNURSE key, it will be possible to take any available actions on selected Unit Dose or IV orders and verify non-verified orders.

The following keys may be assigned if the user already holds the PSJ RNURSE key:  PSJ RNFINISH key will allow the nurse to finish Unit Dose orders.

 PSJI RNFINISH key will allow the nurse to finish IV orders.

## Inpatient Order Entry

### [PSJ OE]

The *Inpatient Order Entry* [PSJ OE]option, if assigned, allows the nurse to create, edit, renew, hold, and discontinue Unit Dose and IV orders, as well as put existing IV orders on call for any patient, while remaining in the Unit Dose Medications module.

The *Inpatient Order Entry* [PSJ OE] option also allows for processing of clinic orders. New clinic orders cannot be created. Clinic orders are displayed separately from non-clinic orders.

When the user accesses the *Inpatient Order Entry* option from the Unit Dose Medications module for the first time within a session, a prompt is displayed to select the IV room in which to enter orders. When only one active IV room exists, the system will automatically select that IV room. The user is then given the label and report devices defined for the IV room chosen. If no devices have been defined, the user will be given the opportunity to choose them. If this option is exited and then re-entered within the same session, the current label and report devices are shown. The following example shows the option re-entered during the same session.

**Example: Inpatient Order Entry**

Select Unit Dose Medications Option: **IOE** Inpatient Order Entry You are signed on under the BIRMINGHAM ISC IV ROOM

Current IV LABEL device is: NT TELNET TERMINAL

Current IV REPORT device is: NT TELNET TERMINAL Select PATIENT: **PSJPATIENT1**

At the “Select PATIENT:” prompt, the user can enter the patient’s name or enter the first letter of the patient’s last name and the last four digits of the patient’s social security number (e.g., P0001).

Before the Patient Information screen displays, if the patient selected has no allergy assessment on file, the following prompt displays to the pharmacist/user:

"NO ALLERGY ASSESSMENT exists for this patient! Would you like to enter one now?"

* If the pharmacist/user enters 'YES,' he/she is prompted to enter the allergy information.
* If the pharmacist/user enters 'NO,' a pharmacist intervention is created, with a type of 'NO ALLERGY ASSESSMENT.' The pharmacist/user is then prompted for Provider and Recommendation information.

**Note:** If the selected patient is Sensitive, Discharged, both Sensitive and Discharged, or Deceased, there are variations in the Order Entry process and in the prompts that display to the pharmacist/user.



**Example: Pharmacist Answers ‘Yes’ and Enters Allergy Information**

Select PATIENT: PSJPATIENT1, ONE

NO ALLERGY ASSESSMENT exists for this patient! Would you like to enter one now? No// YES (Yes)

Does this patient have any known allergies or adverse reactions? : Yes This patient has no allergy/adverse reaction data.

Enter Causative Agent: LATEX

Checking existing PATIENT ALLERGIES (#120.8) file for matches... Now checking GMR ALLERGIES (#120.82) file for matches...

Now checking the National Drug File - Generic Names (#50.6) Now checking the National Drug File - Trade Names (#50.67)

Now checking the INGREDIENTS (#50.416) file for matches...

...OK? Yes// Y (Yes) LATEX OK? Yes// (Yes)

**Example: Pharmacist Answers ‘No’ and Intervention is Created**

Select PATIENT: PSJPATIENT1, ONE

NO ALLERGY ASSESSMENT exists for this patient! Would you like to enter one now? No// N (No) Now creating Pharmacy Intervention

PROVIDER:

Select one of the following:

1

2

UNABLE TO ASSESS OTHER

RECOMMENDATION: ^

See 'Pharmacy Intervention Menu' if you want to delete this intervention or for more options.

Press Return to continue...

The Patient Information Screen is displayed:

**Example: Patient Information Screen**

Patient Information PSJPATIENT1,ONE

PID: 000-00-0001

DOB: 08/18/20 (80) Sex: MALE

Dx: TESTING

Sep 12, 2000 10:36:38

Ward: 1 EAST

Page: 1 of 1

Room-Bed: B-12

Ht(cm): ( )

Wt(kg): ( ) Admitted: 05/03/00

Last transferred: \*\*\*\*\*\*\*\*

Allergies/Reactions: No Allergy Assessment Remote:

Adverse Reactions:

Inpatient Narrative: INP NARR... Outpatient Narrative:

Enter ?? for more actions PU Patient Record Update

DA Detailed Allergy/ADR List VP View Profile

Select Action: View Profile//

NO New Order Entry IN Intervention Menu

The nurse can now enter a Patient Action at the “Select Action: View Profile//” prompt in the Action Area of the screen.

## Pharmacy - Edit Clinic Med Orders Start Date/Time

[**PSJ ECO**]

The *Edit Clinic Med Orders Start Date/Time* [PSJ ECO] option allows the user to change the selected date/range of all active or non-verified clinic orders (Unit Dose, IV, IVP/IVPB) to a new single START DATE/TIME for a patient(s) within a selected clinic. This option provides:

* Menu options that allow the pharmacist to edit the Start Date/Time of a patient clinic order
* Workflow user entry prompts for selection by clinic, patient or medication start date
* A patient profile display of active or non-verified clinic orders for date/time change selected
* Automatic retrieval, one patient at a time, based on previous work flow selection, when editing a medication Start Date/Time for one or multiple patient clinic med orders. Entered Date/Time changes are confirmed for each patient.
* Select actions and views for the clinic order entry profile
* Various message prompts to the user when certain med order conditions occur, allowing the user to view, exit, or proceed with the edit process

### Search Med Orders Date Entry

A search med orders date entry prompt is the first prompt from the *Edit Clinic Med Orders Start Date/Time* [PSJ ECO] menu option:

* + - * The Begin Search Date defaults to “ TODAY//” (current date).
      * The End Search Date defaults to the entered Begin Search Date. The End Search Date shall not precede the Begin Search Date.

**Example: Prompt that End Search Date Shall Not Precede Begin Search Date**

Begin Search Date: TODAY//06/01 (JUN 01, 2012)

End Search Date: Jun 01, 2012// 05/15 (MAY 15, 2012) Response must not precede 6/1/2012.

End Search Date: Jun 01, 2012//

* + - * Time entry with the date is optional.
      * The search must include all active or non-verified clinic orders within the selected date range, not just those with med start date within the range. Current business rules apply for date/time validation entry.

**Example: Prompt to Search Begin and End Dates**

Search for Active and Non-Verified CLINIC Medication Orders that fall within the date range selected below:

Begin Search Date: TODAY// (default to current date)

End Search Date: (default to the entered Begin Search Date:)

### Search by Clinic, Clinic Group or Patient

The entry prompt “Search by CLINIC (C), CLINIC GROUP (G), or PATIENT (P):” allows the user to search by clinic, clinic group or patient, with no default, from the *Edit Clinic Med Orders Start Date/Time* [PSJ ECO] menu option.

**Example: Prompt to Select Clinic, Clinic Group or Patient**

Search by CLINIC (C), CLINIC GROUP (G) or PATIENT (P):

The appropriate entry prompt “C,” “G,” or “P” is provided and allows the user to enter a Clinic, Clinic Group or Patient name. Current business rules apply to the entry of clinic name, clinic group or patient name.

**Table: Prompt Entry for Clinic, Clinic Group or Patient**

|  |  |  |
| --- | --- | --- |
| **Entry Result** | **System Prompt** | **User Entry** |
| C | “SELECT CLINIC:” | Clinic name – case inclusive  (display clinics that are marked allow clinic orders) |
| G | “SELECT CLINIC GROUP” | Clinic group name |
| P | “SELECT PATIENT:” | Patient name |

The entry prompt, “SELECT CLINIC:” or “SELECT PATIENT:” is repeated allowing the user to select multiple clinics or multiple patients by entering individual names for the search. A blank return stops the search, and the process continues.

### Select Patient from Clinic

If the user selects “Clinic,” the numbered list of active patients’ full names displays in alphabetical order by last name for all active or non-verified clinic orders (Unit Dose, IV, IVP, IVPB) from the med orders date/time range entered.

**Example: Display Patient List**

|  |  |
| --- | --- |
| CLINIC ORDERS - PATIENT CLINIC |  |
| No. PATIENT |
| 1 CPRSPATIENT, ONE (0091) |
| 2 CPRSPATIENT, TWO (5555) |
| 3 CPRSPATIENT, THREE (0038) |
| Select 1 - 3: |

If the user selects “Clinic,” an entry prompt of “Select N – N:” displays. N – N represents the begin/end number of displayed patients. The user may select one or multiple patients. Current business rules apply to numbered entry list selection.

**Example: Prompt to Select Patient**

Select 1 – 1:

### View Patient Clinic Order Entry Profile

A Clinic Order Entry Patient profile view of active followed by non-verified orders, is provided based on the filter selection choices previously made.

**Example: Display Clinic Order Entry Patient Profile**

|  |  |  |  |
| --- | --- | --- | --- |
| Clinic Order Entry | May 06, 2011@09:46:50 | Page: 1 of | 2 |
| CPRSPATIENT,ONE | Ward: 3 North |  |  |
| PID: 666-01-0123 Room-Bed: 123-A Ht(cm): ( ) DOB: 10/10/58 (52) Wt(kg): ( )  Sex: MALE Last Admitted: 03/28/11  Dx: SICK Discharged: 03/28/11  CLINIC ORDERS: May 10, 2013 to May 12, 2013@24:00  - - - - - - - - - - - - - - - - PATIENT CLINIC - - - - - - - - - - - - - - - -   1. FLUOROURACIL INJ,SOLN C 05/12 05/17 A Give: IV ONCE 2. ABACAVIR/LAMIVUDINE TAB C 05/10 05/17 N Give: 1 TABLET PO BID   + Enter ?? for more actions  ES Edit Start Date VP View Profile  VD View Order Detail CD Change Date Range  Select Action:Quit// | | | |

**Note:** If the user selects “by Patient” orders for all clinics for that patient are displayed rather than orders from a single clinic. This is the alternate path re-entry point when selecting by patient.



The following user actions are provided in the Clinic Order Entry Patient profile:

* + - * ES Edit Start Date
      * VD View Order Detail
      * VP View Profile
      * CD Change Date Range
      * Quit

### ES Edit Start Date

The “ES” (Edit Start Date) action allows the user to select medication orders to edit. The system provides an entry prompt “Select Orders: (N-N):” when ES is entered. (N - N) represents the begin/end number from the displayed number list in the Clinic Order Entry profile. The system proceeds to entry prompt “NEW START DATE/TIME:”

### VD View Order Detail

The “VD” (View Order Detail) action allows the user to select the medication orders to view. The following attributes are provided:

* + - * + View Only
        + No Patient Demographics
        + Order Details Only
        + Allowed Action of QUIT

**Example: Display VD View Order Detail**

Patient: CPRSPATIENT, THREE

Status: ACTIVE

\*(1) Additives:

5-FLUOURACIL 11 MG

\*(2) Solutions:

Order number: 1

Type: ADMIXTURE

DEXTROSE 20% DEXTROSE TEST 500 ML

Duration:

\*(3) Infusion Rate: 11 ml/hr

\*(4)

Start: 04/12/12 09:39

\*(5) Med Route: IM \*(6) Stop: 04/13/12 24:00

\*(7) Schedule: Last Fill: 04/12/12 09:44

(8) Admin Times: Quantity: 1

\*(9) Provider: MACOY, BONES [es] Cum. Doses: 1

(10) Other Print: (11) Remarks : IV Room: TST ISC ROOM

Entry By: PROVIDER, ONE

Enter RETURN to continue or '^' to exit:

Entry Date: 04/12/12 09:44 Select Action: Quit// Quit

### VP View Profile

The “VP” (View Profile) action allows the user to view the order profile for all medication orders. The following attributes are provided:

* + - * + Entire Patient Profile Non-Clinic and Clinic medication orders are displayed.
        + This is a display only action.
        + The Quit action is allowed.

Medication orders display in the following sequence:

1. Non-clinic inpatient medication orders display in the usual manner.
2. Clinic medication orders display by clinic name in alphabetical order as follows:.
   * Pending
   * Non-verified
   * Active
   * Discontinued/expired
3. Non-active, non-clinic medication orders display at the bottom of the profile list.

**Example: Display VP View Profile**

|  |  |
| --- | --- |
| I N P A T I E N T M E D I C A T I O N S 03/06/13 | 10:17 |
| VAMC: XXXXX (500) |  |
| - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - |  |
| TESTPATNM,PATIENT Ward: IP WARD |  |
| PID: 666-00-0195 Room-Bed: \* NF \* Ht(cm): ( ) |  |
| DOB: 07/07/67 (45) Wt(kg): ( ) |  |
| Sex: FEMALE Admitted: 10/31/94 |  |
| Dx: SICK Last transferred: 05/07/03 |  |
| CrCL: <Not Found> BSA (m2): |  |
| Allergies: CEFAZOLIN, PENICILLIN, VALIUM, WARFARIN, ASPIRIN, |  |
| BISMUTH SUBSALICYLATE, EGGS, LACTOSE, MILK, BACON ( FREE TEXT ), |  |
| ICE CREAM, STRAWBERRIES |  |
| NV Aller.: CIMETIDINE |  |
| ADR: AMPICILLIN |  |
| - - - - - - - - - - - - - - - - - A C T I V E - - - - - - - - - - - - - - - - - |  |
| 1 BACLOFEN TAB R 03/04 03/15 A |  |
| Give: 10MG PO Q4H |  |
| - - - - - - - - - - - - - - N O N - V E R I F I E D - - - - - - - - - - - - - - |  |
| 2 CEFAMANDOLE INJ C 02/13 03/17 N |  |
| Give: 10 GM IVP Q3D@0900 |  |
| 3 5-FLUOURACIL 100 MG C 02/15 03/17 N |  |
| in DEXTROSE 10% 1000 ML 200 ml/hr |  |
| - - - - - - - - - - - - - - - - P E N D I N G - - - - - - - - - - - - - - - - |  |
| 4 BACLOFEN TAB C \*\*\*\*\* \*\*\*\*\* P |  |
| Give: 20MG PO BID |  |
| 5 CAPTOPRIL TAB C \*\*\*\*\* \*\*\*\*\* P |  |
| Give: 25MG PO BID |  |
| 6 FLUOROURACIL INJ,SOLN C \*\*\*\*\* \*\*\*\*\* P |  |
| Give: 100MG/2ML IV BID |  |
| - - - - - - - - - - - - - - - - - CLINIC NAME - - - - - - - - - - - - - - - - |  |
| 7 BACLOFEN TAB C 02/25 03/27 A |  |
| Give: 10MG ORALSL Q4H |  |
| Instructions too long. See Order View or BCMA for full |  |
| text. |  |
| View ORDERS (1-7): |  |
|  | |

### CD Change Date Range

The “CD” (Change Date Range) action in the Clinic Order Entry view allows the user to change the search date range for the current patient’s clinic orders. The user may begin a new search by entering a new Begin Search Date and End Search Date for the current patient and continue with the ECO process. The original date range entry remains unchanged for other patients after completing the CD action for the current patient. To assist the user in selecting clinics and patients, clinics are displayed alphabetically along with the associated patients, within the selected date range and clinic group. The Clinic Order Entry profile displays after the completion of the patient selection for all the selected clinics.

**Example: Clinic and Patient Display**

|  |  |
| --- | --- |
| Search by CLINIC (C), CLINIC GROUP (G), or PATIENT (P) : gROUP |  |
| Select CLINIC GROUP: gROUP ONE |
| CLINIC ORDERS - BECKY'S CLINIC |
| No. PATIENT |
| 1. CPRSPATIENT, ONE (0091) 2. CPRSPATIENT, TWO (5555) 3. CPRSPATIENT, THREE (0038) 4. CPRSPATIENT, FOUR (0237) |
| Select 1 - 4: 3 |
| CLINIC ORDERS - CLINIC (45) |
| No. PATIENT |
| 1. CPRSPATIENT, TWO (5555) 2. CPRSPATIENT, THREE (0038)   Select 1 - 2: 1 |

If the user selects by “Patient,” and no active/non-verified orders exist within the entered date range, the below message displays.

**Example: No Active/Non-Verified Clinic Orders by Patient Message**

No ACTIVE AND/OR NON-VERIFIED Clinic Orders found for this patient

If the user selects by “Clinic,” and no active/non-verified orders exist within the entered date range, the below message displays.

**Example: No Active/Non-Verified Clinic Orders by Clinic Message**

NO ACTIVE AND/OR NON-VERIFIED ORDERS FOR SELECTED CLINIC

### Quit

The entry prompt “Select Action: Quit//” displays on the Clinic Order Entry Patient profile after the Inpatient Medications profile display for the selected patient(s). The number entered forces the use of the VD action with a “Enter RETURN to continue or ‘^’ to exit” prompt.

**Example: Entering a Number Response to “Select Action: Quit//” Prompt**

Select Action: Quit// 1

< Patient: BCMAPATIENT,EIGHT Status: ACTIVE

Orderable Item: ATENOLOL TAB Instructions:

Dosage Ordered: 100MG

Duration: Start: 06/18/12 11:00

Med Route: ORAL (PO)

Stop: 06/22/12 11:00

Schedule Type: CONTINUOUS Schedule: BID

Admin Times: 09-17

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Provider: PROVIDER, ONE [s]  Dispense Drugs | U/D | Units Units Inactive Disp'd Ret'd Date | | |  |
| ATENOLOL 100MG TAB | 1 | 0 | 0 |  | |
| Self Med: NO |  |  |  |  | |
| Entry By: MCCOY, BONES |  |  | Entry Date: 05/31/12 | 12:28> | |
| Enter RETURN to continue or '^' to exit: |  |  |  |  | |

### Entering a New Start Date/Time

The entry prompt “NEW START DATE/TIME:” displays allowing the user to enter a new Start Date/Time. After the user enters a new Start Date/Time, a prompt displays giving the user the ability to change the calculated Stop Date/Time.

**Example: Prompt Entry for New Start Date/Time**

NEW START DATE/TIME: 05/16/2011@1100

### Order Entry View with New Start Date

The Clinic Order Entry view, based on Begin search date and the NEW end date, if greater than the original entered end date of the search, re-displays after the user enters “YES” to the “CHANGE ALL START DATES/TIME TO” prompt.

**Example: Display Clinic Order Entry with New Start Date**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Clinic Order Entry Apr 13, 2012@14:21:31 Page: 1 of 1  BCMAPATIENT,FIVE Last Ward: 3 NORTH  PID: 000-00-5555 Last Room-Bed: 1-2 Ht(cm): ( ) DOB: 09/16/60 (51) Wt(kg): ( )  Sex: MALE Last Admitted: 12/05/08  Dx: FLUID IN LUNGS Discharged: 04/10/12 CLINIC ORDERS: Apr 20, 2013 to Apr 21, 2013@24:00 | | | | |  |
| - - - - - - - - - - - - - - - - BECKY'S CLINIC - - - - - - - - - - - - - - - -   1. DIPHENHYDRAMINE INJ,SOLN C 04/21 04/26 N Give: 10MG IM WEEKLY 2. ACETAMINOPHEN TAB R 04/20 04/25 N Give: 10 MG PO Q4H   - - - - - - - - - - - - - - - - - CLINIC (45) - - - - - - - - - - - - - - - - -   1. RANITIDINE TAB C 04/20 04/23 N Give: 300 MG PO BID-AM   - - - - - - - - - - - - - - - CLINIC PATTERN 45 - - - - - - - - - - - - - - -  4 HEPARIN 11 ML (1) ? 04/20 04/21 N  in 5% DEXTROSE 50 ML 100 ml/hr  Enter ?? for more actions | | | | |
| ES Edit Start Date Select Action:Quit// | VD | View Order Detail | VP | View Profile |  |

### New Start Date Update Confirmation

After the user answers “YES” to the “Are you sure?” confirmation of the new Start Date/Time change, the prompt **“NATURE OF ORDER: SERVICE CORRECTION//”** displays for an ACTIVE Clinic Order, with a default of SERVICE CORRECTION.

**Example: Nature of Order Prompt**

NATURE OF ORDER: SERVICE CORRECTION//

The selected record(s), along with the applicable message for each order, is updated, using current business functionality.

**Example: Update Message**

|  |  |  |  |
| --- | --- | --- | --- |
| Now working on order: BACLOFEN  Give: 10 MG PO QID  NATURE OF ORDER: SERVICE CORRECTION//  ...discontinuing original order... | S | 07/01/12 11:11 |  |
| ...creating new order..... |  |  |
| Pre-Exchange DOSES: |  |  |
| Now working on order: CEFAMANDOLE  Give: 44 GM IV |  | 05/22/12 08:00 |
| ...updating order.......  ...updating OE/RR... |  |  |
| Now working on order: DAPSONE  Give: 50 MG PO QAM |  | 04/23/12 12:00 |
| ...updating order.......  ...updating OE/RR... |  |  |
| Now working on order: FLUOROURACIL  Give: 11 MG IM |  | 05/20/12 12:00 |
| ...updating order.......  ...updating OE/RR... |  |  |

After the user enters “QUIT” or when editing by clinic with multiple patients, the system mimics the *Non-Verified/Pending Orders* [PSJU VBW] option when cycling through the remaining selected patient(s).

Note: The Nature of Order prompt does not display for edits made to orders that are not active, e.g., orders with a status of non-verified.



### Conditional Messages Displaying after New Start Date

Individual message prompts may or may not be presented after the new start date/time is entered for the patient. These depend on various validations that are being checked which the user may need to review or act upon. None, one, or more messages may display depending upon the entry.

### New Start Date No Earlier than Now

A change to a new start date, earlier than “NOW” is not allowed. If the new start date entered is earlier than “NOW” the following prompt displays: “Start Date/Time earlier than NOW is not allowed. Re-enter start date. Enter new Start Date/Time:”.

### New Start Date beyond 365 Days

A change to a new Start DATE beyond 365 days is not allowed.

**Example: Message Start Date Beyond 365 Days**

**Note:** The system cycles back to the enter new start/date prompt entry until the new start/date time is less than 365 days.



Start Date cannot be more than 365 days from today. Re-enter Start Date. Enter new Start Date/Time:

### Other Orders Exist

The message below displays when orders exist for the date entered at the “new Start Date/Time:” prompt. The existing active orders also display.

**Example: Message Other Orders Exist**

\* This patient has active order(s) on Jun 04, 2012. \*

PROCHLORPERAZINE

Give: 5 MG/1 ML IV WEEKLY

06/01/12 11:11

Do you want to view the profile?

* + - * + If the user answers “YES,” a Profile View for the selected orders for the Start Date/Time edit for the new date displays followed by the prompt to continue.

**Example: Display View Profile for Selected Order**

<begin profile display> VP view

<end profile display>

The following orders have been selected for Start Date/Time edit:

<selected orders listed>

The Start Date/Time for the selected orders will be changed to <May 16, 2012@11:00>. Do you want to continue? //

* + - * + If the user answers “NO,” the “new Start Date/Time:” prompt to re-enter a new Start Date/Time displays.

### New Start Date After One or More Stop Dates

The message below and prompt display, with no default, when the new start date is after one or more stop date(s).

**Example: Display Start Date After Stop Date**

\* The new start date is after one or more stop date(s). \*

The stop date(s) will be automatically changed to reflect the new start date.

Do you want to view the profile?

* + - * + If the user answers “YES,” the process continues.
        + If the user answers “NO,” the “new Start Date/Time:” prompt to re-enter a new Start Date/Time displays.

The selected changed med orders display followed by the message: “The Start Date/Time for the selected orders will now be changed to mm/dd/yy hh:mm (user entered Start Date/Time.) Are you sure?”

**Example: Prompt to Confirm Changed Start Date**

|  |  |  |
| --- | --- | --- |
| Selected Orders: | Current Start Date/Time |  |
| < TRIHEXYPHENIDYL  Give: 10MG PO SU-MO-TU-WE-TH-FR-SA BACLOFEN  Give: 20 MG PO Q2H > | 04/09/12 07:53  04/19/12 11:11 |
| The Start Date/Time for the selected orders will now be changed to <6/1/12 11:00> | |
| Are you sure ? | |

The process returns to the “Enter a new Start Date/Time:” prompt. The existing business rule for a new order is used to calculate the med order stop date from the med start date.

### Conditional Messages Displaying after Selection of Orders

The following individual message prompts may or may not be presented after the ES selection when selecting the clinic med order(s). These depend on various validations that are being checked which the user may need to review or act upon. None, one, or more messages may display depending upon the entry.

### ON CALL Orders

ON CALL (OC) status can only be set for IV orders. If the user selects a Clinic IV order with an ON CALL status, the message: “Orders with ON CALL Status cannot be edited…..” displays.

ES action changes to orders with ON CALL status are not allowed.

**Example: Selecting ON CALL Orders**

|  |  |
| --- | --- |
| Select Action:Next Screen// es Edit Start Date Select Orders: (1-5): 2 |  |
| Orders with ON CALL Status cannot be edited - no changes will be applied to any of the following orders with ON CALL status:  ON CALL Status orders: Current Start / Stop Dates |
| < GENTAMICIN 07/18/12 07/23/12  in INFUSE OVER 5 MINUTES> |
| Press Return to continue... |

### ON HOLD Orders

If the user selects ON HOLD orders, the message: “ON HOLD orders cannot be edited….”displays. ES action changes to orders ON HOLD are not allowed.

**Example: Selecting ON HOLD Orders**

Select Action:Next Screen// es Edit Start Date Select Orders: (1-3): 1-2

ON HOLD orders cannot be edited - no changes will be applied to any of the following ON HOLD orders:

ON HOLD orders: Current Start / Stop Dates

<ACETAMINOPHEN

Give: 10 MG PO Q4H>

07/21/12 07/26/12

Press Return to continue...

### Complex Orders

If the user selects complex orders, the message: “Complex Orders cannot be edited – no changes will be applied to any of the following Complex order components:…….” displays. ES action changes to complex orders are not allowed.

**Example: Selecting Complex Orders**

Select Action:Next Screen// es Edit Start Date Select Orders: (1-5): 2

Complex Orders cannot be edited - no changes will be applied to any of the following Complex order components:

Complex Component (Child) Orders: Current Start Date/Time

<LANOLIN

Give: 25 MG TOP 5XD>

Press Return to continue...

06/01/12 17:00

### Orders for More than One Clinic

If the user selects orders for more than one clinic, the message: “You have selected orders from different clinics do you want to continue?” displays:

* + - * + If the user answers “NO,” the /Clinic Order Entry profile view of order(s) for the selected patient(s) re-displays.
        + If the user answers “YES,” the process continues.

### Orders with different Start Date/Times

If the user selects orders for more than one Start Date/Time, the message: “You have selected orders with different Start Date/Time, do you want to proceed?” displays:

* + - * + If the user answers “NO,” the Clinic Order Entry profile view of order(s) for the selected patient(s) re-displays.
        + If the user answers “YES,” the process continues.

### Orders for More than one Clinic with Different Start Date/Times

If the user selects orders for more than one clinic with different Start Date/Times, the message below displays:

**Example: Orders for More than One Clinic with Different Start Date/Times**

You have selected orders from different clinics and with different Start Date/Times.

Do you want to continue?

You have selected orders from different clinics and with different Start Date/Times.

* + - * + If the user answers “NO,” the Clinic Order Entry profile view of order(s) for the selected patient(s) re-displays.
        + If the user answers “YES,” the process continues.

# Output Options

Most of the Output Options are located under the *Reports Menu* option on the *Unit Dose Medications* menu. The other reports are located directly on the *Unit Dose Medications* menu.

## PAtient Profile (Unit Dose)

### [PSJU PR]

The *PAtient Profile (Unit Dose*) [PSJU PR] option allows a user to print a profile (list) of a patient’s orders for the patient’s current or last (if patient has been discharged) admission, by group (**G**), ward (**W**), clinic (**C**), or patient (**P**). When group is selected, a prompt to select by ward group (**W**) or clinic group (**C**) displays. If the user’s terminal is selected as the printing device, this option will allow the user to select any of the printed orders to be shown in complete detail, including the activity logs, if any.

The *PAtient Profile (Unit Dose)* [PSJU PR] option also allows for viewing a list of clinic orders. New clinic orders cannot be created. Clinic orders are displayed separately from non-clinic orders.

**Example: Patient Profile**

Select Unit Dose Medications Option: **PA**tient Profile (Unit Dose)

Select by GROUP (G), WARD (W), CLINIC (C), or PATIENT (P): **P** Patient **<Enter>**

Select PATIENT: **PSJPATIENT1,ONE**

000-00-0001 08/18/20 1 EAST

Select another PATIENT: **<Enter>**

SHORT, LONG, or NO Profile? SHORT// **<Enter>** SHORT

Show PROFILE only, EXPANDED VIEWS only, or BOTH: PROFILE// **<Enter>**

Select PRINT DEVICE: **<Enter>** NT/Cache virtual TELNET terminal

U N I T D O S E P R O F I L E

09/13/00 16:20

SAMPLE HEALTHCARE SYSTEM

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - PSJPATIENT1,ONE Ward: 1 EAST

PID: 000-00-0001 Room-Bed: B-12 Ht(cm): ( ) DOB: 08/18/20 (80) Wt(kg): ( )

Sex: MALE Admitted: 05/03/00

Dx: TESTING

CrCL: <Not Found> BSA (m2): Allergies: No Allergy Assessment

ADR:

- - - - - - - - - - - - - - - - - A C T I V E - - - - - - - - - - - - - - - - -

1. -> AMPICILLIN CAP

Give: 500MG PO QID

1. -> HYDROCORTISONE CREAM,TOP Give: 1% TOP QDAILY
2. -> PROPRANOLOL 10MG U/D

Give: PO QDAILY

C 09/07 09/21 A NF

C 09/07 09/21 A

NF

C 09/07 09/21 A

NF

View ORDERS (1-3): **1**

**report continues**

**Example: Patient Profile (continued)**

Patient: PSJPATIENT1,ONE

Orderable Item: AMPICILLIN CAP Instructions:

Dosage Ordered: 500MG Duration:

Med Route: ORAL (PO) Schedule Type: CONTINUOUS

Schedule: QID

Admin Times: 01-09-15-20 Provider: PSJPROVIDER,ONE

Status: ACTIVE

Start: 09/07/00 15:00

Stop: 09/21/00 24:00

[w]

Units Units Inactive

Dispense Drugs U/D Disp'd Ret'd Date

AMPICILLIN 500MG CAP

1 0

0

ORDER NOT VERIFIED

Self Med: NO

Entry By: PSJPROVIDER,ONE

Entry Date: 09/07/00 13:37

## 6.2. Reports Menu

### [PSJU REPORTS]

The *Reports Menu* option contains various reports generated by the Unit Dose package.

**Note**: All of these reports are QUEUABLE, and it is strongly suggested that these reports be queued when run.



**Example: Reports Menu**

Select Reports Menu Option: **?**

7 7 Day MAR

14 14 Day MAR

24 24 Hour MAR

AP1 Action Profile #1 AP2 Action Profile #2

AUthorized Absence/Discharge Summary Extra Units Dispensed Report

Free Text Dosage Report INpatient Stop Order Notices Medications Due Worksheet Patient Profile (Extended)

**Example: 14 Day MAR (continued)**

|  |  |  |
| --- | --- | --- |
| CONTINUOUS SHEET | 14 DAY MAR 09/07/2000 through 09/20/2000 |  |
| SAMPLE HEALTHCARE SYSTEM | Printed on 09/20/2000 16:11 |
| Name: PSJPATIENT1,ONE | Weight (kg): ( ) Ward: 1 EAST |
| PID: 000-00-0001 DOB: 08/18/1920 (80) | Height (cm): ( ) Room-Bed: B-12 |
| Sex: MALE Dx: TESTING | Admitted: 05/03/2000 13:29 |
| Allergies: No Allergy Assessment ADR: |  |
| Admin | SEP |
| Order Start Stop Times | 07 08 09 10 11 12 13 14 15 16 17 18 19 20 notes |
| - |  |
| | | |01 | |\*\*\*\*| | | | | | | | | | | | | | |
| 09/07 |09/07 15:00 |09/21/00 24:00 (A9111) |09 | |\*\*\*\*| | | | | | | | | | | | | | |
| AMPICILLIN CAP C|15 | | | | | | | | | | | | | | | | |
| Give: 500MG PO QID |20 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| RPH: PI RN: | | | | | | | | | | | | | | | | | |
| - |  |
| | | |01 | |\*\*\*\*| | | | | | | |\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*| |
| 09/07 |09/07 15:00 |09/14/00 16:54 (A9111) |09 | |\*\*\*\*| | | | | | | |\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*| |
| AMPICILLIN 1 GM C|15 | | | | | | | | | |\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*| |
| in 0.9% NACL 100 ML |20 | | | | | | | | |\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*| |
| IVPB QID | | | | | | | | | | | | | | | | | |
| See next label for continuation | | | | | | | | | | | | | | | | | |
| - |  |
| THIS IS AN INPATIENT IV EXAMPLE | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| RPH: PI RN: | | | | | | | | | | | | | | | | | |
| - |  |
| | | | | | | | | | | | | | | | | | | | |
| 09/07 |09/07 17:00 |09/07/00 12:34 (A9111) | | | | | | | | | | | | | | | | | |
| HYDROCORTISONE CREAM,TOP C|17 | |\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*| |
| Give: 1% 0 QDAILY | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| RPH: MLV RN: | | | | | | | | | | | | | | | | | |
| - |  |
| | | | | | | | | | | | | | | | | | | | |
| 09/07 |09/07 17:00 |09/07/00 12:50 (A9111) | | | | | | | | | | | | | | | | | |
| METHYLPREDNISOLNE INJ C|09 | |\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*| |
| Give: 500MG IV Q12H |21 | |\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*| |
| THIS IS AN INPATIENT IV EXAMPLE | | | | | | | | | | | | | | | | | |
| RPH: MLV RN: | | | | | | | | | | | | | | | | | |
| - |  |
| | | | | | | | | | | | | | | | | | | | |
| 09/07 |09/07 17:00 |09/07/00 12:50 (A9111) | | | | | | | | | | | | | | | | | |
| METHYLPREDNISOLNE INJ C|17 | |\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*|\*\*\*\*| |
| Give: 1000MG IV QDAILY | | | | | | | | | | | | | | | | | |
| THIS IS AN INPATIENT IV EXAMPLE | | | | | | | | | | | | | | | | | |
| RPH: MLV RN: | | | | | | | | | | | | | | | | | |
| - | |
| | SIGNATURE/TITLE | INIT | INJECTION SITES | MED/DOSE OMITTED | REASON | INIT | |
| | | |
| | | | | | | | |
| | | |
| | | | Indicate RIGHT (R) or LEFT (L) | | | | |
| | | |
| | | | | | | | |
| | | |
| | | | (IM) (SUB Q) | | | | |
| | | |
| | | |1. DELTOID 6. UPPER ARM | | | | |
| | | |
| | | |2. VENTRAL GLUTEAL 7. ABDOMEN | | | | |
| | | |
| | | |3. GLUTEUS MEDIUS 8. THIGH | | | | |
| | | |
| | | |4. MID(ANTERIOR) THIGH 9. BUTTOCK | | | | |
| | | |
| | | |5. VASTUS LATERALIS 10. UPPER BACK| | | | |
| | | |
| | | | PRN: E=Effective N=Not Effective | | | | |
| | | |
| - | |
| PSJPATIENT1,ONE 000-00-0001 Room-Bed: B-12 LAST PAGE: 1 VA FORM 10-2970 | |

### Action Profile #1

**[PSJU AP-1]**

The *Action Profile #1* [PSJU AP-1]option creates a report form that contains all of the active inpatient medication orders for one or more patients. These patients may be selected by ward group (**G**), ward (**W**) , or patient (**P**). If selection by ward is chosen, the administration teams may be specified. The default for the administration team is ALL and multiple administration teams may be entered. If selecting by ward or ward group, the profile may be sorted by patient name or room-bed. Entering a Ward Group of ^OTHER will automatically sort by patient and print a report for Outpatients that are receiving Inpatient Medications and that meet the report parameters. If the user chooses to run this option by patient, the opportunity is given to select as many patients as needed, but only those that have active orders will print.

The *Action Profile #1* [PSJU AP-1] option also allows for viewing a list of clinic orders. New clinic orders cannot be created. Clinic orders are displayed separately from non-clinic orders.

Start and stop dates will be prompted next. If the user chooses to enter a start and stop date, only patients with active orders occurring between those dates will print. The start and stop dates must be in the future (**NOW** is acceptable). Time is required only if the current date of **TODAY** or **T** is entered.

There are six medication choices. The user may select multiple choices of medications to be printed on the Action Profile #1 report. Since the first choice is ALL Medications, the user will not be allowed to combine this with any other choices. The default choice is “Non-IV Medications only” if:

* + - 1. The MAR ORDER SELECTION DEFAULT parameter was not defined.
      2. Selection by Ward group.
      3. Selected by patients and patients are from different wards.

The form is printed so the attending provider will have a method of periodically reviewing these active medication orders. If the user chooses to run this option by patient, the opportunity is given to select as many patients as needed, but only those that have active orders will print.

Also on this profile, the provider can renew, discontinue, or not take any action regarding the active orders for each patient. A new order will be required for any new medication prescribed or for any changes in the dosage or directions of an existing order. If no action is taken, a new order is not required.

If the user chooses to enter a start and stop date, only patients with active orders occurring between those dates will print (for the ward or wards chosen). The start and stop dates must be in the future (**NOW** is acceptable). Time is required only if the current date of **TODAY** or **T** is entered.

It is recommended that the action profiles be printed on two-part paper, if possible. Using two- part paper allows a copy to stay on the ward and the other copy to be sent to the pharmacy.

**Note:** This report uses a four-digit year format.



**Example: Action Profile #1**

Select Reports Menu Option: **AP1** Action Profile #1

Select by WARD GROUP (G), WARD (W), or PATIENT (P): **P**atient **<Enter>**

Select PATIENT: **PSJPATIENT1,ONE**

Select another PATIENT: **<Enter>**

Enter medication type(s): 2,3,6// **1**

000-00-0001

08/18/20 1 EAST

...this may take a few minutes...(you should QUEUE this report)... Select PRINT DEVICE: **<Enter>** NT/Cache virtual TELNET terminal

Enter RETURN to continue or '^' to exit: **<Enter>**

|  |  |  |  |
| --- | --- | --- | --- |
| UNIT DOSE ACTION PROFILE #1 09/11/2000 11:01 SAMPLE HEALTHCARE SYSTEM  (Continuation of VA FORM 10-1158) Page: 1 | |  |  |
| This form is to be used to REVIEW/RENEW/CANCEL existing active medication orders for inpatients. Review the active orders listed and beside each order circle one of the following:  R - to RENEW the order  D - to DISCONTINUE the order  N - to take NO ACTION (the order will remain active until the stop date indicated) | |
| A new order must be written for any new medication or to make any changes in dosage or directions on an existing order. | |
| PSJPATIENT1,ONE Ward: 1 EAST  PID: 000-00-0001 Room-Bed: B-12 Ht(cm): \_ (\_ \_) DOB: 08/18/1920 (80) Wt(kg): \_ (\_ \_)  Sex: MALE Admitted: 05/03/2000  Dx: TESTING  CrCL: <Not Found> BSA (m2): | |
| Allergies: No Allergy Assessment ADR: | |
| No. Action Drug ST Start Stop Status/Info  - - - - - - - - - - - - - - - - - A C T I V E - - - - - - - - - - - - - - - - -  1 R D N AMPICILLIN 1 GM C 09/07 09/14 A in 0.9% NACL 100 ML QID  Special Instructions: THIS IS AN INPATIENT IV EXAMPLE | |
| 2 R D N AMPICILLIN CAP C 09/07 09/21 A Give: 500MG PO QID | |
| 1. R D N HYDROCORTISONE CREAM,TOP C 09/07 09/21 A Give: 1% TOP QDAILY 2. R D N MULTIVITAMINS 5 ML C 09/07 09/12 A in 0.9% NACL 1000 ML 20 ml/hr | |
| 5 R D N PROPRANOLOL 10MG U/D C 09/07 09/21 A Give: PO QDAILY | |
| Date AND Time PHYSICIAN’S SIGNATURE | |
| MULTIDISCIPLINARY REVIEW  (WHEN APPROPRIATE)  PHARMACIST'S SIGNATURE | |
|  | NURSE'S SIGNATURE |  |

**report continues**

**Example: Action Profile #1 Report (continued)**

|  |  |
| --- | --- |
| ADDITIONAL MEDICATION ORDERS: |  |
|  |
|  |
|  |
|  |
| Date AND Time PHYSICIAN’S SIGNATURE  PSJPATIENT1,ONE 000-00-0001 08/18/1920 |

### Action Profile #2

**[PSJU AP-2]**

The *Action Profile #2* [PSJU AP-2] option is similar to the *Action Profile #1* option (see previous report) with the added feature that the nurse can show only expiring orders, giving in effect, stop order notices (see *INpatient Stop Order Notices*).

The *Action Profile #2* [PSJU AP-2] option also allows for viewing a list of clinic orders. New clinic orders cannot be created. Clinic orders are displayed separately from non-clinic orders.

The user can run the *Action Profile #2* [PSJU AP-2] option by group (**G**), ward (**W**), clinic (**C**), or patient (**P**). When group is selected, a prompt to select by ward group (**W**) or clinic group (**C**) displays. If this option is run by patient, the opportunity to select as many patients as desired is given, but the user will not get a report if the patient has no active orders.

If the option for a ward or a ward group is chosen, a prompt to choose the ward or ward group for which the user wants to run the option is displayed. The user will then be asked to sort (print) Action Profiles by team (**T**) or treating provider (**P**). If Ward Group of ^OTHER is entered, the user will not be given a sort (print) option; it will automatically sort by treating provider and print a report of Outpatients that are receiving Inpatient Medications and that meet the report parameters.

At the “Print (A)ll active orders, or (E)xpiring orders only? A//” prompt, the user can choose to print all active orders for the patient(s) selected, or print only orders that will expire within the date range selected for the patient(s) selected.

There are six medication choices. The user may select multiple choices of medications to be printed on the Action Profile #2 report. Since the first choice is ALL Medications, the user will not be allowed to combine this with any other choices.

It is recommended that the action profiles be printed on two-part paper, if possible. Using two- part paper allows a copy to stay on the ward and the other copy to be sent to the pharmacy.

**Note:** This report uses a four-digit year format.



**Example: Action Profile #2**

Select Reports Menu Option: **AP2** Action Profile #2

Select by GROUP (G), WARD (W), CLINIC (C), or PATIENT (P): **P**ATIENT **<Enter>**

Select PATIENT: **PSJPATIENT1,ONE**

000-00-0001 08/18/20 1 EAST

Select another PATIENT: **<Enter>**

Enter START date/time: NOW// **<Enter>** (SEP 11, 2000@11:02) Enter STOP date/time: SEP 11,2000@11:02// **T+7** (SEP 18, 2000)

Print (A)ll active orders, or (E)xpiring orders only? A// **<Enter>** (ALL)

Enter medication type(s): 2,3,6// **1**

Select PRINT DEVICE: **<Enter>** NT/Cache virtual TELNET terminal

...this may take a few minutes...(you really should QUEUE this report)... Enter RETURN to continue or '^' to exit: **<Enter>**

**report continues**

**Example: Action Profile #2 (continued)**

|  |  |
| --- | --- |
| UNIT DOSE ACTION PROFILE #2 09/11/2000 11:03 SAMPLE HEALTHCARE SYSTEM  (Continuation of VA FORM 10-1158) Page: 1 |  |
| A new order must be written for any new medication or to make any changes in dosage or directions on an existing order. |
| Team: NOT FOUND  PSJPATIENT1,ONE Ward: 1 EAST  PID: 000-00-0001 Room-Bed: B-12 Ht(cm): \_ (\_ \_) DOB: 08/18/1920 (80) Wt(kg): ( )  Sex: MALE Admitted: 05/03/2000  Dx: TESTING  Allergies: No Allergy Assessment ADR: |
| No. Action Drug ST Start Stop Status/Info  - - - - - - - - - - - - - - - - - A C T I V E - - - - - - - - - - - - - - - - -  1 AMPICILLIN 1 GM C 09/07 09/14 A in 0.9% NACL 100 ML QID  Special Instructions: THIS IS AN INPATIENT IV EXAMPLE |
| TAKE NO ACTION DISCONTINUE RENEW COST/DOSE: 1.32 |
| 2 AMPICILLIN CAP C 09/07 09/21 A Give: 500MG PO QID |
| TAKE NO ACTION DISCONTINUE RENEW COST/DOSE: 0.731 |
| 3 HYDROCORTISONE CREAM,TOP C 09/07 09/21 A Give: 1% TOP QDAILY |
| TAKE NO ACTION DISCONTINUE RENEW COST/DOSE: 0.86 |
| 4 MULTIVITAMINS 5 ML C 09/07 09/12 A in 0.9% NACL 1000 ML 20 ml/hr |
| TAKE NO ACTION DISCONTINUE RENEW COST/DOSE: 468.795 |
| Date AND Time PHYSICIAN’S SIGNATURE |
| MULTIDISCIPLINARY REVIEW  (WHEN APPROPRIATE)  PHARMACIST'S SIGNATURE |
| NURSE'S SIGNATURE |
| ADDITIONAL MEDICATION ORDERS: |
|  |
|  |
|  |
|  |
| Date AND Time PHYSICIAN’S SIGNATURE |
| PSJPATIENT1,ONE 000-00-0001 08/18/1920 |

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