PATIENTS ON SPECIFIC DRUG(S) MULTIDIVISIONAL ENHANCEMENTS

RELEASE NOTES

PSJ*5*214 and PSN*4*193

February 2010

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Introduction

The Patients on Specific Drug(s) Multidivisional Enhancements provides modifications to National Drug File and Inpatient Medications. The following patches are included in this release:

- PSN*4*193
- PSJ*5*214

In combination, the two patches address the need to provide multidivisional functionality within the Inpatient Medications package's *Patients on Specific Drug(s)* [PSJ PDV] option. Patch, PSN*4*193 will create the "AC" cross reference on the PARENT CLASS field (#2) of the VA DRUG CLASS file (#50.605).

The new cross reference is utilized by the Patients on Specific Drug(s) Multidivisional Enhancements patch PSJ*5*214. The enhancements included in the *Patients on Specific Drug(s)* [PSJ PDV] option are as follows:

- Prompt user for selected division(s)
- Prompt user for selected ward(s)
- Prompt user for a ward group
- Allow selection of a parent VA Drug Class
- Change default behavior of the number of matches prompt

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Description of Option

The *Patients on Specific Drug(s)* [PSJ PDV] option creates a report that lists patients on specific Orderable Item(s), Dispense Drug(s), or Veterans Affairs (VA) class(es) of drugs. When more than one of these drugs is chosen, the user will have the option to only display patients with orders containing all of the selected drugs or classes. The default behavior will be to display patients with orders for any of the selected drugs or classes.

The user will be prompted for the start and stop dates. Orders that are active between these two dates will be listed on the report. The user then has the choice to see only IV orders, Unit Dose orders, or both types of orders. These orders may be sorted by patient name or by the start date of the orders. The user will choose to sort by Orderable Items, Dispense Drug, or VA class of drugs and then choose one or multiple drugs or classes. By using the "Select number of matches" prompt, the user may select how many of the items entered must be on a patient's record in order for the patient to be displayed in the report.

For example: Patient A has an order for ACETAMINOPHEN TAB, patient B has an order for ASPIRIN TAB, and patient C has orders for both. If the user chooses two Orderable Items (ACETAMINOPHEN TAB and ASPIRIN TAB), and enters 1 (default) on the number of matches screen, the orders of all three patients will print. If the user chooses two Orderable Items and enters "2" on the number of matches screen only patient C's orders will print.

Selecting a parent VA class will function as if the user had selected all of its children classes manually. Users will also be able to select one or more divisions and/or wards which will limit the results to print only patients from the locations entered. When selecting all divisions and all wards, an additional prompt is shown to allow selection of one pharmacy ward group for selected locations.

Example: Patients on Specific Drug(s) Report

```
Select MANagement Reports Menu Option:  Patients on Specific Drug(s)

Enter start date: T-9  (JAN 30, 2001)

Enter stop date: T  (FEB 08, 2001)

List IV orders, Unit Dose orders, or All orders: ALL// <Enter>

Do you wish to sort by (P)atient or (S)tart Date: Patient// <Enter>

List by (O)rderable Item, (D)ispense Drug, or (V)A Class of Drugs: Orderable Item

Select PHARMACY ORDERABLE ITEM NAME: WARFARIN    TAB

Dispense Drugs for WARFARIN are:
WARFARIN 10MG U/D
WARFARIN 5MG U/D
WARFARIN 2.5MG U/D
WARFARIN 2MG U/D
WARFARIN 5MG
WARFARIN 7.5MG U/D
WARFARIN 2.5MG
WARFARIN 2MG
WARFARIN 7.5MG
WARFARIN 10MG

Select PHARMACY ORDERABLE ITEM NAME: <Enter>
Select number of matches: 1// <Enter>

Select division: ALL// <Enter>
Select ward: ALL// <Enter>

You may optionally select a ward group...


Select a Ward Group: <Enter>

Select PRINT DEVICE:   NT/Cache virtual TELNET terminal

...this may take a few minutes...
                    ...you really should QUEUE this report, if possible...
Press RETURN to continue "^" to exit: <Enter>
```

```
02/08/01                                                    PAGE: 1

        LISTING OF PATIENTS WITH ORDERS CONTAINING ORDERABLE ITEM(S):

                              WARFARIN

                  FROM 01/30/01  00:01 TO 02/08/01  24:00


--------------------------------------------------------------------------------
                                                          Start  Stop
Patient                         Order                     Date   Date
--------------------------------------------------------------------------------


PSJPATIENT,ONE                  WARFARIN TAB              01/30  01/31
000-00-0001                     Give: 5MG PO QPM PRN
1 EAST



                                WARFARIN TAB              01/30  01/31
                                Give: 5MG PO QPM PRN
```

Discussion of Changes

Prompt User for Selected Division(s)

At the "Select division" prompt, the user may take the default of ALL divisions, or choose one or more individual divisions. Only patients whose identified ward is within the chosen divisions will be displayed in the report.

At facilities in which all of the inpatient wards are associated with a single medical center division, this prompt will be suppressed so that it does not unnecessarily present the opportunity to select outpatient divisions, including Community Based Outpatient Clinics (CBOCs).

```
Select division: ALL// ?
ENTER:
    - Return for all divisions, or
    - A division and return when all divisions have been selected--limit 20
    Imprecise selections will yield an additional prompt.
    (e.g. When a user enters 'A', all items beginning with 'A' are displayed.)
  Answer with MEDICAL CENTER DIVISION NUM, or NAME, or FACILITY NUMBER, or
      TREATING SPECIALTY
  Choose from:
  1          TXXX      500
  2          AXXXXX      500
  9          CINCINNATI    539
  10         ALB-PRRTP     500PA
  11         AXXXXX OPC    500A4

Select division: ALL// TXXX        500
Select another division: AXXXXX
    1   AXXXXX        500
    2   AXXXXX OPC     500A4
CHOOSE 1-2: 1  AXXXXX     500
Select another division:
```

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Prompt User for Selected Ward(s)

At the "Select ward" prompt, the user may take the default of ALL wards, or choose one or more individual wards. The selection of wards may be limited to those wards associated with any divisions selected at the previous prompt. Only patients whose identified ward is among the chosen wards will be displayed in the report.

```
Select ward: ALL// ?
ENTER:
    - Return for all wards, or
    - A ward and return when all wards have been selected--limit 20
    Imprecise selections will yield an additional prompt.
    (e.g. When a user enters 'A', all items beginning with 'A' are displayed.)
 Answer with WARD LOCATION NUMBER, or NAME, or SERVICE, or *NSERV, or
    SYNONYM
 Do you want the entire WARD LOCATION List? y  (Yes)
  Choose from:
  13          REHAB
  14          NHCU
  16          DOMICILLARY
  18          5 WEST PSYCH
  19          SURGERY
  49          ZZ3EN
  50          3EN
  51          3ES
  59          SARRTP
  60          INFIRMARY

Select ward: ALL// 3EN
Select another ward: 3ES
Select another ward:

Select PRINT DEVICE:
```

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Prompt User for a Ward Group

If the selections of the division and ward prompts are both entered with the default choice of ALL, the user will be presented with a prompt to select one pharmacy ward group. Ward groups are defined by the *Ward Groups* [PSJU EWG] option and are used in conjunction with Pick Lists for dispensing inpatient medications. A ward group may comprise several different ward entries from the WARD LOCATION file (#42) which all represent one physical location within the medical center.

```
Select division: ALL//
Select ward: ALL//

You may optionally select a ward group...


Select a Ward Group: ?
    Answer with WARD GROUP NAME
   Choose from:
   TST 1 GROUP
PHARMACY     BAXTER
   TST 2 GROUP
PHARMACY
   TST 3
PHARMACY

Select a Ward Group: TST 3
PHARMACY
```

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Allow Selection of a Parent VA Drug Class

With patch PSJ*5*214, entry of a parent VA Drug Class at the selection prompt will act as if the user had manually entered each of its child drug classes individually. This can be useful when looking to identify all patients on a broad category of medications, such as antimicrobials or cardiac medications. The example shown here demonstrates use of VA Drug Class AH000 to identify all of the sub-classes of antihistamines.

```
List by (O)rderable Item, (D)ispense Drug, or (V)A Class of Drugs: VA Class of Drugs

Select VA DRUG CLASS CODE: AH000
   ANTIHISTAMINES

Dispense Drugs for VA Class AH100 are:
PROMETHAZINE 25MG/ML INJ
TRIMEPRAZINE 2.5MG TAB
PROMETHAZINE 25MG SUPP
PROMETHAZINE HCL 50MG TAB
PROMETHAZINE HCL 25MG TAB
PROMETHAZINE HCL 6.25MG/5ML SYRUP


Dispense Drugs for VA Class AH109 are:
LORATADINE 10MG TAB
DESLORATADINE 5MG TAB


Dispense Drugs for VA Class AH102 are:
diphenhydrAMINE HCL 25MG CAP
diphenhydrAMINE HCL 50MG CAP
diphenhydrAMINE HCL 50MG/ML INJ
diphenhydrAMINE 50MG/ML SYR 1ML
diphenhydrAMINE HCL 12.5MG/5ML ELIXIR
diphenhydrAMINE 12.5MG CHEW TABS
DOXYLAMINE SUCCINATE 25MG TAB


Dispense Drugs for VA Class AH103 are:


Dispense Drugs for VA Class AH104 are:
CHLORPHENIRAMINE MALEATE 4MG TAB
DEXCHLORPHENIRAMINE MALEATE 6MG TAB,SA


Dispense Drugs for VA Class AH105 are:
hydrOXYzine HCL 25MG TAB
hydrOXYzine HCL 10MG TAB
hydrOXYzine HCL 50MG/ML INJ
CETIRIZINE HCL 10MG TAB
hydrOXYzine PAMOATE 25MG CAP


Dispense Drugs for VA Class AH106 are:
FEXOFENADINE HCL 180MG TAB
FEXOFENADINE HCL 60MG TAB


Dispense Drugs for VA Class AH107 are:
CYPROHEPTADINE HCL 4MG TAB
```

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Patients on Specific Drug(s)
Multidivisional Enhancements Release Notes
PSJ*5*214 and PSN*4*193

Number of Matches Prompt Change

Prior to patch PSJ*5*214, the behavior of the *Patients on Specific Drug(s)* [PSJ PDV] option was to allow you to select more than one orderable item, dispense drug or VA class of drugs, and if you selected multiple items, the "number of matches" prompt would default to the total number of items selected. This default would then indicate that a patient had to have **all** of the selected medications in their profile in order to be listed in the report.

Beginning with patch PSJ*5*214, the default response for the "number of matches" prompt is changed to "1". This functionality will result in a patient being listed in the report if they have **any** of the selected medications in their profile.

At any time, you may still manually select the desired number of matches to be found within a patient's medication profile for them to appear in the final report.

```
Patients on Specific Drug(s)

Enter start date: T  (DEC 23, 2008)

Enter stop date: T  (DEC 23, 2008)

List IV orders, Unit Dose orders, or All orders: ALL//

Do you wish to sort by (P)atient or (S)tart Date: Patient//

List by (O)rderable Item, (D)ispense Drug, or (V)A Class of Drugs: Dispense Drug

Select DRUG GENERIC NAME: ATENOLOL 100MG TAB          CV100
Select DRUG GENERIC NAME: ATENOLOL 50 MG TAB          CV100
Select DRUG GENERIC NAME: <RETURN>
                              ┌─────────────────────────────────┐
Select number of matches: 1// │ Prior to PSJ*5*214, this prompt  │
                              │ would have defaulted to "2",     │
                              │ meaning that a patient would appear │
                              │ on the report only if they had both │
                              │ ATENOLOL 100MG and ATENOLOL 50MG │
                              │ tablets on their medication      │
                              │ profile.                         │
                              │                                  │
                              │ Now, a patient will appear on the │
                              │ report if they have ATENOLOL 100mg │
                              │ or ATENOLOL 50mg tablets on their │
                              │ profile.                         │
                              │                                  │
                              │ To display only patients who do  │
                              │ have both items on their profile, │
                              │ manually respond "2" to the "Select │
                              │ number of matches" prompt.       │
                              └─────────────────────────────────┘
```