VistA Patch Display Page: 1

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Run Date: JAN 04, 2018 Designation: PSO\*7\*500 TEST v4

Package : OUTPATIENT PHARMACY Priority : MANDATORY

Version : 7 Status : UNDER DEVELOPMENT

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Associated patches: (u)PSO\*7\*402 <<= must be installed BEFORE `PSO\*7\*500'

(v)PSO\*7\*422 <<= must be installed BEFORE `PSO\*7\*500'

(v)PSO\*7\*446 <<= must be installed BEFORE `PSO\*7\*500'

(v)PSO\*7\*486 <<= must be installed BEFORE `PSO\*7\*500'

Subject: MOCHA 2.1B FOLLOW UP

Category: ROUTINE

Description:

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* NOTE \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

The 'before' checksum for routines POORED5, PSORXEDT, PSOVER1 in this

patch will be incorrect as it is a follow up patch to PSO\*7\*402 which

is part of the MOCHA 2.1 COMBINED BUILD 1.0.

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The Medication Order Check HealthCare Application (MOCHA) 2.1b patches

implement Max Daily Dose Order Checks for simple medication orders

entered through Computerized Patient Record System (CPRS), Inpatient

Medications and Outpatient Pharmacy. If the Daily Dose exceeds the First

Databank (FDB) recommended Max Daily Dose, a warning shall be displayed

to the user. If the Max Daily Dose Order Check cannot be performed, an

error message will be displayed to the user, along with general dosing

information for the drug in most cases.

This patch is part of the Medication Order Check Healthcare Application

(MOCHA) Enhancements 2.1b group of patches. This patch should be the last

of the group of patches to be installed. A host file was created to

simplify installation at Veterans Health Administration (VHA) facilities.

The host file MOCHA\_2\_1\_PSO\_OR\_PSJ.KID contains: OR\*3\*382, PSJ\*5\*256 and

PSO\*7\*402. In addition, there are standalone Pharmacy Data Management

patches, PSS\*1\*178 and PSS\*1\*206, which must be installed before this one.

This patch is necessary to incorporate released functionality in

non-MOCHA areas within shared routines.

MOCHA v2.1b will provide the following enhancements:

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Implement Dose Range Checking with a Max Daily Dose limit for

simple medication orders entered through Outpatient Pharmacy, Inpatient

Medications applications and CPRS.

Display a generic error message when the Max Daily Dose Order

Check cannot be performed in CPRS.

Display an error message when the Max Daily Dose Order Check

cannot be performed in CPRS with a detailed reason when height and/or

weight is required, but does not exist in the Vitals application for the

patient.

Display an error message when the Max Daily Dose Order Check

cannot be performed in Pharmacy with a detailed reason.

Correct all daily dose errors due to frequency failure.

Resolve miscellaneous frequency issues with incorporation of new

dosing check frequency fields.

Apply Daily Dose Check exclusion for schedule to medication

orders entered through Outpatient Pharmacy, Inpatient Medications and

CPRS.

Apply advisory note to high dose warnings and General Dosing

Guidelines for medication administered through eye, ear, or nose.

Create a customized frequency message.

Create a general dosing information message.

Create a Max Daily Dose Warning message for the calculated Daily Dose.

Add FDB data elements from Dosing Order Check call to VistA side of

interface.

Display one warning if Maximum Single Dose and Max Daily Dose

Order Check warning texts are identical.

Adjustment to the Daily Dose if a Single Dose Adjustment is made for an IV

order when performing Dosing Order Checks.

Modify entries to the DOSE UNITS file (#51.24).

Modify entries to the DOSE UNIT CONVERSION file (#51.25).

Updated Check PEPS Services Setup [PSS CHECK PEPS SERVICES SETUP] option

to perform the Max Daily Dose Order Check instead of the Daily Dose Range

Order Check.

Increase the precision of the patient weight calculation in Kilograms

throughout Outpatient.

Patch Components

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Files & Fields Associated:

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Files Associated:

FILE# File Name (Number) Field Name (Number) New/Modified/Delete

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N/A

Forms Associated:

FILE# File Name (Number) Field Name (Number) New/Modified/Delete

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N/A

Mail Groups Associated:

Mail Group Name New/Modified/Deleted

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N/A

Options Associated:

Option Name Type Action

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N/A

Protocols Associated:

Protocol Name New/Modified/Deleted

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N/A

Security Keys Associated:

Security Key Name

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N/A

Templates Associated:

Template Name Type File Name (Number) New/Modified/Deleted

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N/A

Additional Information:

N/A

New Service Requests (NSRs)

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N/A

Patient Safety Issues (PSIs)

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N/A

Remedy Ticket(s) & Overview:

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I5589877FY15 - Make Metric Conversions for Patient Weight Consistent

across VistA Packages

Problem:

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In order to display the patient's weight in Kilograms (Kgs) the current

conversion from Pounds (Lbs) to Kgs is being done by dividing the

patient weight on file by 2.2.

Resolution:

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The weight calculation conversion from Lbs to Kgs is being modified to

increase the precision of the patient weight in Kgs by dividing it by

2.2046226 instead. This change will make the Outpatient Pharmacy

consistent with Computerized Patient Record System (CPRS).

Technical Resolution:

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Modify routines to calculate from pounds to kilograms to use 2.2046226

lbs/kg instead of 2.2 lbs/kg.

RE+2^PSODEM

HDR+7^PSONVAVW

CRCL+7^PSOORUT2

HD+15^PSOSD1

HD1+29^PSOSD2

HD1+20^PSOSD3

HD+14^PSOSDP

HDR^PSOPMP0

Blood Bank Clearance:

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N/A

Test Sites:

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Charleston VAMC

Denver VAMC

Heartland West VAMC

Tennessee Valley VAMC

West Palm VAMC

Documentation Retrieval Instructions:

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The documentation is available on the ANONYMOUS.SOFTWARE directory at one

of the following Office of Information (OI) Field Offices:

Hines

Salt Lake City

Sites may retrieve documentation in one of the following ways:

(1) The preferred method is to File Transfer Protocol (FTP) the files from

:DNS.URL, which will transmit the files from the

first available FTP server.

(2) Sites may also elect to retrieve documentation directly from a

specific server as follows:

Hines :DNS.URL

Salt Lake City :DNS.URL

The documentation distribution includes:

FILE NAME DESCRIPTION

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PSO\_7\_MAN\_UM\_R????.PDF Outpatient Pharmacy V.7.0 Manager's User

Manual

PSO\_7\_P402\_MAN\_UM\_CP.PDF Outpatient Pharmacy V.7.0 Manager's User

Change Pages

PSO\_7\_PHAR\_UM\_R????.PDF Outpatient Pharmacy V.7.0 Pharmacist's

User Manual

PSO\_7\_P402\_PHAR\_UM\_CP.PDF Outpatient Pharmacy V. 7.0 Pharmacist's

User Manual Change Pages

PSO\_7\_TECH\_UM\_R????.PDF Outpatient Pharmacy V. 7.0 Technician's

User Manual

PSO\_7\_P402\_TECH\_UM\_CP.PDF Outpatient Pharmacy V. 7.0 Technician's

User Manual Change Pages

PSO\_7\_TM\_R????.PDF Outpatient Pharmacy V. 7.0 Technical

Manual/Security Guide

PSO\_7\_P402\_TM\_CP.PDF Outpatient Pharmacy V. 7.0 Technical

Manual/Security Guide Change Pages

PSO\_7\_PSJ\_5\_PSS\_1\_RN.PDF Medication Order Check Healthcare

Application (MOCHA) v1.0 Release Notes

PSS\_1\_IG\_R????.PDF VistA to MOCHA v1.0 Interface Installation

Guide

MOCHA\_CB\_PSS\_1\_P160\_IG.PDF MOCHA v1.0 Combined Build Installation

Guide

(3) Documentation can also be retrieved from the VistA Documentation

Library (VDL) on the Internet at the following address:

http://:DNS.URL.

Patch Installation:

Pre/Post Installation Overview

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This patch must be installed after PSS\*1.0\*178, the combined build and

PSS\*1.0\*206 have been installed.

Pre-Installation Instructions

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This patch can be obtained from the ANONYMOUS.SOFTWARE directory at one of

the OI Field Offices. The preferred method is to FTP the file from

DOWNLOAD.DNS.URL, which will transmit the file from the first

available server. Alternatively, sites may elect to retrieve the file

from a specific OI Field Office.

OI FIELD OFFICE FTP ADDRESS DIRECTORY

Hines DNS.URL anonymous.software

Salt Lake City DNS.URL anonymous.software

The MOCHA 2.1b ENHANCEMENTS software distribution includes:

File Name Contents Retrieval Format

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PSS\_1\_178.KID PSS\*1.0\*178 ASCII

MOCHA\_2\_1\_PSO\_OR\_ PSJ\*5.0\*256 ASCII

PSJ\_BUILD.KID PSO\*7.0\*402

OR\*3.0\*382

PSS\_1\_206.KID PSS\*1.0\*206 ASCII

PSO\_7\_500.KID PSO\*7.0\*500 ASCII

PSJ\_5\_347.KID PSJ\*5.0\*347 ASCII

Installation Instructions

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Please refer to the MOCHA 2.1b Installation & Rollback Guide for

installation instructions.

Post-Installation Instructions

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None.

Routine Information:

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The second line of each of these routines now looks like:

;;7.0;OUTPATIENT PHARMACY;\*\*[Patch List]\*\*;DEC 1997;Build 9

The checksums below are new checksums, and

can be checked with CHECK1^XTSUMBLD.

Routine Name: PSOBKDE1

Before: B5570079 After: B8511547 \*\*117,133,372,402,500\*\*

Routine Name: PSODDPR4

Before:B136589184 After:B142687224 \*\*251,375,387,379,390,372,416,

484,500\*\*

Routine Name: PSODDPR8

Before: B57269094 After: B59640557 \*\*390,372,416,500\*\*

Routine Name: PSODEM

Before: B16428757 After: B18912575 \*\*5,19,233,258,326,390,411,402,500\*\*

Routine Name: PSODGAL

Before: B16555138 After: Delete

Routine Name: PSODGAL1

Before:B113259514 After:B111659050 \*\*251,401,390,424,429,411,500\*\*

Routine Name: PSODOSUN

Before: B93344191 After:B100248418 \*\*251,379,372,416,436,402,500\*\*

Routine Name: PSONVAVW

Before: B19285655 After: B19324359 \*\*260,500\*\*

Routine Name: PSOORED5

Before: B61813792 After: B73345856 \*\*46,75,78,100,99,117,133,251,

378,372,416,313,450,486,402,

500\*\*

Routine Name: PSOORUT2

Before: B97954565 After:B105702086 \*\*11,146,132,182,233,243,261,

268,264,305,390,411,402,500\*\*

Routine Name: PSOPMP0

Before: B89661374 After: B89710024 \*\*260,281,303,289,382,313,427,500\*\*

Routine Name: PSORXEDT

Before: B49246602 After: B52436750 \*\*21,23,44,71,146,185,148,253,

390,372,416,313,427,422,402,

500\*\*

Routine Name: PSOSD1

Before: B48940095 After: B48994823 \*\*2,17,19,22,40,49,66,107,110,

132,233,258,240,320,326,360,

500\*\*

Routine Name: PSOSD2

Before: B29718119 After: B29770075 \*\*2,19,107,110,176,233,258,326,500\*\*

Routine Name: PSOSD3

Before: B38820871 After: B38868653 \*\*2,19,107,110,132,233,258,326,500\*\*

Routine Name: PSOSDP

Before: B31130096 After: B31171102 \*\*2,17,19,107,110,155,176,233,

258,326,500\*\*

Routine Name: PSOSIG

Before: B90439889 After: B96478034 \*\*46,99,114,391,313,282,455,

446,402,500\*\*

Routine Name: PSOVER1

Before:B126916647 After:B131717973 \*\*32,46,90,131,202,207,148,243,

268,281,324,358,251,375,387,

379,390,372,416,411,422,402,

500\*\*

Routine list of preceding patches: 360, 402, 484

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User Information:

Entered By : VARGAS,ALBERTO Date Entered : AUG 15,2017

Completed By: Date Completed:

Released By : Date Released :

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