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Run Date: JAN 04, 2018 Designation: PSS\*1\*206 TEST v7

Package : PHARMACY DATA MANAGEMENT Priority : MANDATORY

Version : 1 Status : UNDER DEVELOPMENT

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Associated patches: (u)PSS\*1\*178 <<= must be installed BEFORE `PSS\*1\*206'

(v)PSS\*1\*195 <<= must be installed BEFORE `PSS\*1\*206'

Subject: MOCHA 2.1B FOLLOW UP

Category: ROUTINE

Description:

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

The 'before' checksum for routines PSSDRDOS and PSSDSEXE in this

patch will be incorrect as it is a follow up patch to PSS\*1\*178 which

is part of the MOCHA 2.1b project.

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Medication Order Check Healthcare Application (MOCHA) v2.1b implements

the Max Daily Dose Order Check for simple orders for Outpatient Pharmacy,

Inpatient Medications and Computerized Patient Record

System (CPRS) applications. MOCHA 2.1b uses the same interface to First

Databank (FDB) as MOCHA v1.0 and v2.0.

This patch is part of the Medication Order Check Healthcare Application

(MOCHA) Enhancements 2.1b group of patches. This stand alone host file

patch PSS\*1\*206 (PSS\_1\_206.KID) must be installed after the combined

build. In addition, a combined host file was created to simplify

installation at Veterans Health Administration (VHA) facilities for the

other portions. The combined host file MOCHA\_2\_1\_PSO\_OR\_PSJ.KID contains:

OR\*3\*382, PSJ\*5\*256 and PSO\*7\*402. A final component, PSO\*7.0\*500

(PSO\_7\_500.KID) must be installed after PSS\*1\*206.

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 and CPRS applications.

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.

Incorrect frequency was used for dosing check when a unit dose order

entered in CPRS with the duration less than 24 hours. This patch will

calculate the frequency with the consideration of the admin times.

Corrected the subscript error at MULTSCH+18^PSSSCHMS

Fix the frequency calculation for the schedule with "PRN" that resulted

in invalid/undefined frequency error.

Patch Components:

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Files & Fields Associated:

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N/A

Forms Associated:

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N/A

Mail Groups Associated:

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N/A

Options Associated:

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N/A

Protocols Associated:

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N/A

Security Keys Associated:

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N/A

Associated New Service Request(s):

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N/A

Patient Safety Issues (PSI)s:

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N/A

Remedy Ticket(s) & Overview:

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N/A

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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Updated documentation describing the new functionality introduced by this

patch are available.

The preferred method is to retrieve files from :DNS.URL.

This transmits the files from the first available server. Sites may

also elect to retrieve files directly from a specific server.

Sites may retrieve the documentation directly using Secure File Transfer

Protocol (SFTP) from the ANONYMOUS.SOFTWARE directory at the following OI

Field Offices:

Hines: :PDNS.URL

Salt Lake City: :DNS.URL

Documentation can also be found on the VA Software Documentation Library

at: http://:DNS.URL

Title File Name SFTP Mode

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MOCHA Enhancements 2.1b PSS\_1\_RN\_Rxx18.PDF binary

Release Notes

Pharmacy Data Management PSS\_1\_UM\_Rxx18.PDF binary

User Manual v1.0

Pharmacy Data Management PSS\_1\_TM\_Rxx18.PDF binary

Technical Manual v 1.0

Installation Guide - MOCHA PSS\_1\_P178\_IG.PDF binary

Phase 2 v2.1b

Pharmacy Data Management Dosing PSS\_1\_DOSING\_ORD\_CK\_ binary

Order Check User Manual USER\_MANUAL\_Rxx18.PDF

Pre-Installation Instructions

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

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

DOWNLOAD.VISTAURL, which will transmit the file from the first

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

from a specific OI Field Office.

Hines DNS.URL anonymous.software

Salt Lake City DNS.URL

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

Installation Instructions

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

installation instructions.

Routine Information:

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

;;1.0;PHARMACY DATA MANAGEMENT;\*\*[Patch List]\*\*;9/30/97;Build 10

The checksums below are new checksums, and

can be checked with CHECK1^XTSUMBLD.

Routine Name: PSSDRDOS

Before:B159075215 After:B159075348 \*\*160,173,195,178,206\*\*

Routine Name: PSSDSAPD

Before:B176555473 After:B154210974 \*\*117,160,173,201,178,206\*\*

Routine Name: PSSDSAPI

Before:B140100816 After:B210956246 \*\*117,160,173,178,206\*\*

Routine Name: PSSDSEXC

Before:B204998585 After:B205557716 \*\*117,160,178,206\*\*

Routine Name: PSSDSEXD

Before: n/a After:B178609917 \*\*178,206\*\*

Routine Name: PSSDSEXE

Before: n/a After:B173941412 \*\*178,206\*\*

Routine Name: PSSDSUTL

Before:B100218791 After:B123713572 \*\*201,178,206\*\*

Routine Name: PSSHRQ23

Before:B235617797 After:B265224277 \*\*136,178,206\*\*

Routine Name: PSSHRQ24

Before: n/a After: B64768164 \*\*178,206\*\*

Routine Name: PSSSCHMS

Before: n/a After:B127350691 \*\*178,206\*\*

Routine list of preceding patches: 178

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User Information:

Entered By : FLEGEL,CHRIS M Date Entered : DEC 8,2016

Completed By: Date Completed:

Released By : Date Released :

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