



High Risk Mental Health Patient - National Reminder and Flag Scheduling and Registration

Patches

DG*5.3*849

SD*5.3*588

INSTALLATION and SETUP GUIDE

Version 5.3

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Department of Veterans Affairs
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Introduction

High Risk Mental Health Patient-Reminder and Flag (HRMH)

The purpose of the High Risk Mental Health Patient- Reminder and Flag (HRMHP) project is to support Mental Health (MH) professionals in the tracking of veterans with the High Risk for Suicide Patient Record Flag (PRF) who have missed Mental Health (MH) Clinic appointments due to a no-show.

This is the second release of the (HRMHP) project. It includes six patches, which will be installed as a combined build, HIGH RISK MH 2.0.

This Installation & Setup Review describes the following patches.

<p>DG*5.3*849</p>	<p>This build installs a new national Patient Record Flag (PRF) for suicide prevention (HIGH RISK FOR SUICIDE). The following is an example of the new CAT I flag being added in the PRF NATIONAL FLAG file (26.15) with DG*5.3*849.</p>
	<pre> NAME: HIGH RISK FOR SUICIDE STATUS: ACTIVE TYPE: CLINICAL REVIEW FREQUENCY DAYS: 90 NOTIFICATION DAYS: 30 REVIEW MAIL GROUP: DGPF CLINICAL HR FLAG REVIEW TIU PN TITLE: PATIENT RECORD FLAG CATEGORY I - HIGH RISK FOR SUICIDE DESCRIPTION: The purpose of this National Patient Record Flag is to alert Veterans Health Administration (VHA) Mental Health Staff of patients who have a high risk for suicide that may pose a threat to themselves. This is a nationally distributed flag. </pre>
	<p>DG*5.3*849 also installs a new option, Convert Local HRMH PRF to National [DGPF LOCAL TO NATIONAL CONVERT], that will allow the generation of new national PRFs for suicide prevention from local, active, suicide prevention PRFs.</p> <p>This option can be run in either a report-only or in a processing mode. When run in the report mode, reports will be generated and sent via MailMan to the new DGPF CLINICAL HR FLAG REVIEW mail group, showing which local PRFs can be processed, which ones may have potential errors needing to be corrected first, and which ones may need to be processed manually. When run in the processing mode, the actual processing of the national PRFs from the local PRFs will take place.</p>
	<hr/> <p> IMPORTANT DEPLOYMENT NOTE: SPC staff should NOT run the Processing mode of the DGPF LOCAL TO NATIONAL CONVERT option (Process Local-to-National option) until 30 days after the national release date and sites have received approval from the Office of Mental Health Services (OMHS). This will help to minimize transmission error messages among sites with shared patients. These error messages occur when one of these sites has installed and runs the conversion, but another site that also sees the same patient(s) has not installed this newly released software patch(s). SPC staff may run the Report Only mode of the option after installing</p>

	<p>the package, to get a preliminary report of local PRFs that will be converted.</p> <hr/> <p>The process to generate the new national (Category I PRFs from the local Category II) PRFs will take existing, active, local PRFs for suicide prevention and determine whether a national PRF can be created from the local PRF. If there is any issue with generating a national PRF, either an error message will be logged, or the record will be flagged for manual action by the suicide prevention coordinator. In this case, no national PRF is created and the local PRF will remain intact.</p> <p>If a new national PRF can be created, the information from the local PRF will be used in creating the new national PRF, and upon successful creation of the new national PRF, the local PRF will be inactivated with a comment indicating a new national PRF has been created. Upon creation of the new national PRF, the existing HL7 messaging functionality will be used to transmit the national PRF information to other known treating facilities, as is currently done when a National PRF is entered through the Patient Record Flag assignment menu.</p> <p>NOTE: The new DGPF CLINICAL HR FLAG REVIEW mail group will also be used to send a message when the patient's flag needs to be reviewed following existing PRF review processes (continue/inactivate/delete).</p>
TIU*1.0*265	<p>This Text Integration Utility patch installs a new title in the TIU DOCUMENT DEFINITION (file #8925.1): PATIENT RECORD FLAG CATEGORY I – HIGH RISK FOR SUICIDE to be used with the new Patient Record Flag. The patch installation links the title to the existing document class, PATIENT RECORD FLAG CAT I.</p> <p>This patch also provides one fix to TUI*1*260 in routine ^TIULO1. A formatting error was discovered in the MH MISSED APPOINTMENTS 10D TIU object. This is the object that will display on the High Risk MH No-Show Follow-up reminder dialog whenever a patient has missed a mental health appointment within the last 10 days.</p>
SD*5.3*588	<p>This build contains two new proactive reports that list appointments for High Risk for Suicide patients who have appointments for the day. The High Risk MH Proactive Nightly Report [SD MH PROACTIVE BGJ REPORT] is a background job that will run in the background and send a mail message to the members of the SD MH NO SHOW NOTIFICATION mail group.</p> <p>This report will be kicked off by the Scheduling nightly background (SDAM BACKGROUND JOB) that should already be scheduled to run nightly on your system. It is the same background job that calls the High</p>


	<p>Risk MH No-Show Nightly Report [SD MH NO SHOW NIGHTLY BGJ].</p> <p>NOTE: DO NOT schedule these options:</p> <ul style="list-style-type: none"> • No Show Nightly Background Job [SD MH NO SHOW NIGHTLY BGJ] • High Risk MH Proactive Nightly Report [SD MH PROACTIVE BGJ REPORT] <p>Scheduling's Nightly Background Job generates these reports.</p> <p>The new High Risk MH Proactive Adhoc Report [SD MH PROACTIVE AD HOC REPORT] option generates a proactive report that can be run by the users. This report is more flexible and allows users to refine the report to their specifications.</p> <p>This report will list, by divisions, all patients with PRF High Risk for Suicide who have appointments in mental health clinics today. Totals will list the number of unique patients by division. The patients will list alphabetically by division and by date/time of the appointment.</p> <p>This build also allows the SD MH NO SHOW AD HOC REPORT and SD MH NO SHOW NIGHTLY BGJ Report as well as the SD MH PROACTIVE AD HOC REPORT and SD MH PROACTIVE BGJ REPORT to now look for PRF activity from the new national Category I PRF 'HIGH RISK FOR SUICIDE', as well as from the local PRF.</p> <p>The High Risk MH No-Show Adhoc Report [SD MH NO SHOW AD HOC REPORT] and High Risk MH No-Show Nightly Report [SD MH NO SHOW NIGHTLY BGJ] contains format changes.</p> <p>The following changes were made for both reports:</p> <ul style="list-style-type: none"> • The provider name now displays directly underneath the No Show Appointment information to keep everything connected • Key for appointment status abbreviations (NS, NA, NAT) added to the heading and will now print on every page break. • Appointment line now displays information in two lines: <ul style="list-style-type: none"> ○ line one: count, patient name , Patient ID 1st initial last name+last 4 ssn, appointment D/T, 30 character clinic name ○ line two: appointment status abbreviation, appointment provider name • Patient ID is now 5 characters: first initial of last name + last 4 of SSN • 30-character Clinic name in both future and appointment data information
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	<ul style="list-style-type: none"> • AM and PM removed from the date/time of appt. <p>The High Risk MH No-Show Adhoc Report also includes the following changes:</p> <ul style="list-style-type: none"> • The report now displays the name of the Mental Health Treatment Coordinator (MHTC) and the name of the care team they are assigned to in parentheses. • The results of the no show patient contact are also included. • Results added for resolution: Reminder term and health factor information. <p>SD*5.3*588 also contains a post-installation routine that will add two new parameters to the PARAMETERS (#8989.5) file, with associated parameter definitions added to the PARAMETER DEFINITION (#8989.51) file.</p> <p>The new parameter SDMH PROACTIVE DAYS stores a value that will list future appointments for the number of days stored in the parameter, for each patient on the report. This parameter is checked when the High Risk MH Proactive Nightly Report [SD MH PROACTIVE BGJ REPORT] is run.</p> <p>The second new parameter is SDMH NO SHOW DAYS which also stores a value that will list future appointments for the number of days stored in the parameter, for each patient on the High Risk MH No-Show Nightly Report [SD MH NO SHOW NIGHTLY BGJ].</p> <p>The default value of 30 days will be populated by the post-init for both parameters. Sites may change the number of days stored in the parameter, within the range of 1 to 30 by calling the option XPAR EDIT PARAMETER (Edit Parameter Values) and editing the SDMH PROACTIVE DAYS parameter for the Proactive report number of days and the SDMH NO SHOW DAYS parameter for the No Show report number of days. Once changed, the reports will reflect the change by displaying the new number of days of future appointments on the report.</p>
<p>PXRM*2.0*24 MH High Risk Phase 2</p>	<p>This Clinical Reminders patch includes an updated reminder definition (VA-MH HIGH RISK NO-SHOW FOLLOW-UP), two new reminder definitions, (VA-MH HIGH RISK NO-SHOW ADHOC RPT and VA-MHTC NEEDS ASSIGNMENT), a new computed finding (VA-PCMM MHTC), and a new dialog that will display the Mental Health Treatment Coordinator (MHTC).</p> <p>The VA-MH HIGH RISK NO-SHOW ADHOC RPT reminder determines whether Mental Health (MH) professionals have followed up during the week following a No-Show MH appointment for a patient with an active High Risk for Suicide Patient Record Flag. This reminder is called from a Scheduling report for each No-Show MH appointment.</p>

	<p>The VA-MHTC NEEDS ASSIGNMENT reminder will be available for sites to use from CPRS on the Cover Sheet's Reminders Due section when the patient is a candidate for MHTC assignment. The reminder looks for three MH appointments within a specific period of time, and then checks to see if the MHTC is defined for the patients. The reminder will be due when no MHTC is currently assigned to the patient, but should be. A Mental Health (MH) professional or Reminders Clinical Application Coordinator (CAC) could run the Reminders Due Report on a weekly basis for patients with MH appointments scheduled for the next week, providing an opportunity for MH professionals to get the list of patients that have not yet been assigned a MHTC and to follow up accordingly to have an MHTC assigned.</p> <p>VA-MHTC NEEDS ASSIGNMENT uses a new Reminder Location List called VA-MHTC APPT STOP CODES LL in the Computed Finding: VA-Appointments for a Patient. The new Reminder Location List is consistent with the national list of MH Encounter Stop Codes defined for sites by the Office of Mental Health Services.</p> <p>The new VA-PCMM MHTC Computed Finding can be used in Reminder Definitions to get the MHTC assigned to a patient.</p>
<p>GMTS*2.7*104</p>	<p>This patch will modify two entries in the Health Summary Component file (142.1): MH HIGH RISK PRF HX and MH TREATMENT COORDINATOR.</p> <p>These components are used in the VA-MH HIGH RISK PATIENT and REMOTE MH HIGH RISK PATIENT Health Summaries, and are also available for use in the Health Summary Adhoc Report. Additionally, the VA-MH HIGH RISK PATIENT Health Summary is also embedded in the VA-MH HIGH RISK NO SHOW FOLLOW-UP Reminder Dialog released in Phase I of this project.</p> <p>The MH HIGH RISK PRF HX component will now include the assignment history for the newly created Category I Patient Record Flag (HIGH RISK FOR SUICIDE). The assignment history in Health Summary will display both Category II (local) and Category I (national) assignments for High Risk for Suicide until all local entries have been converted to the national flag.</p> <p>The MH TREATMENT COORDINATOR component will now be fully functional and display the mental health treatment team, mental health treatment coordinator (MHTC), and the MHTC contact information.</p>
<p>OR*3*348</p>	<p>This patch adds a new provider recipient, Primary Care Management Module (PCMM) Mental Health Treatment Coordinator (MHTC), to the existing ORB PROVIDER RECIPIENTS parameter. It will be added as a 'C' code to the existing 'PARAMETERS' values:</p> <p>P (Primary Provider): deliver notification to the patient's Primary</p>

	<p>Provider.</p> <p>A (Attending Physician): deliver notification to the patient's Attending Physician.</p> <p>T (Patient Care Team): deliver notification to the patient's OE/RR Teams (personal patient and team lists are evaluated for potential recipients) and to devices on an OE/RR team). (Ordering Provider): deliver notification to the provider who placed the order which trigger the notification.</p> <p>M (PCMM Team): deliver notification to users/providers linked to the patient via PCMM Team Position assignments.</p> <p>E (Entering User): deliver notification to the user/provider that entered the order's most recent activity.</p> <p>R (PCMM Primary Care Practitioner): deliver notification to the patient's PCMM Primary Care Practitioner.</p> <p>S (PCMM Associate Provider): deliver notification to the patient's PCMM Associate Provider.</p> <p>C (PCMM Mental Health Treatment Coordinator): deliver notification to the patient's PCMM Mental Health Treatment Coordinator.</p> <p>With this enhancement, MHTCs can now specify to be default provider recipients of certain pertinent notifications, such as for Admissions, Discharge, and Deceased Patient, to name a few.</p> <p>The following parameters in the PARAMETERS DEFINITION file #8989.51 will also be updated accordingly to reflect these changes:</p> <ul style="list-style-type: none"> • ORB PROVIDER RECIPIENTS • ORB OI EXPIRING - INPT PR • ORB OI EXPIRING - OUTPT PR • ORB OI ORDERED - INPT PR • ORB OI ORDERED - OUTPT PR • ORB OI RESULTS - INPT PR • ORB OI RESULTS - OUTPT PR <p>A new notification is also being released with this patch: SUICIDE ATTEMPTED/ COMPLETED. This informational notification is triggered by Clinical Reminders when a MH SUICIDE ATTEMPTED or MH SUICIDE COMPLETED health factor has been documented in PCE. It is exported with package parameter values set as follows:</p> <ul style="list-style-type: none"> • ORB ARCHIVE PERIOD - 30 • ORB DELETE MECHANISM - Individual Recipient • ORB FORWARD BACKUP REVIEWER - No • ORB FORWARD SUPERVISOR - No • ORB FORWARD SURROGATES - No • ORB PROCESSING FLAG - Disabled • ORB PROVIDER RECIPIENTS - MHTC and PCMM Team
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	(CM) <ul style="list-style-type: none">• ORB URGENCY – High
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	<p>NOTE: Notifications are processed by IEN (internal entry number) from the OE/RR NOTIFICATIONS File #100.9.</p> <p>Any site-defined notifications run the risk of being over-written by new notifications that are nationally released. If you have locally defined notifications, you may need to renumber them before this patch will install.</p> <p>Specifically, IEN #77 is being added. Specifically, IEN #77 is being added.</p> <p>See Appendix B of the PXRМ*2*24 Install Guide for instructions on how to recreate or re-point site-defined notifications occupying a national number space.</p> <p>A validation routine is also added to the input transform of the NUMBER field (#.001) of the OE/RR Notifications File #100.9. This validation routine will prohibit new national notification entries by the site and validate the correct local notification number scheme <your site's station number><incremental notification number 01-99>.</p>
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HRMHP Related Documentation

Clinical Reminders PXR*2*24 Documentation

DOCUMENTATION	DOCUMENTATION FILE NAME
High Risk Mental Health Patient Project Installation and Setup Guide	PXR*2*24_IG.PDF
High Risk Mental Health Patient Project Release Notes	PXR*2*24_RN.PDF
Clinical Reminders User Manual	PXR*2*_UM.PDF
Clinical Reminders Manager's Manual	PXR*2*_MM.PDF

	<p>NOTE: In this document you will see references to both PXR*2*24 and PXR*2.0*24.</p> <p>The difference is that PXR*2*24 is the name of the patch and PXR*2.0*24 is the name of the build.</p>
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Health Summary GMTS*2.7*104 Documentation

DOCUMENTATION	DOCUMENTATION FILE NAME
Health Summary User Manual	HSUM_2_7_104_UM.PDF
Health Summary Technical Manual	HSUM_2_7_104_TM.PDF

TIU*1*265 Documentation

DOCUMENTATION	DOCUMENTATION FILE NAME
Text Integration Utility User Manual	TIU_UM.PDF
Text Integration Utility Technical Manual	TIU_TM.PDF

CPRS OR*2.0*348

DOCUMENTATION	DOCUMENTATION FILE NAME
CPRS User Guide: GUI Version	CPRSGUIUM.PDF
CPRS Technical Manual: GUI Version	CPRSGUITM.PDF
CPRS Technical Manual	CPRSLMTM.PDF

Scheduling SD*5.3*588/Registration DG*5.3*849 Documentation

DOCUMENTATION	DOCUMENTATION FILE NAME
PIMS Technical Manual	PIMSTM.PDF
PIMS SCHEDULING User Manual - Outputs Menu	PIMsSchOutput.PDF
PIMS SCHEDULING User Manual - Menus, Intro & Orientation, etc.	PIMsSchIntro.PDF
Patient Record Flag User Guide	PatRecFlagUG.PDF
Scheduling and Registration Installation Review Guide	SDDG_Install_Review.PDF

Documentation Related Websites

SITE	URL	DESCRIPTION
National Clinical Reminders site	http://VistA.med.va.gov/reminders	Contains manuals, PowerPoint presentations, and other information about Clinical Reminders.
Veterans Health Information System and Technology Architecture (VistA) Document Library	http://www.va.gov/vdl/	Contains manuals for Clinical Reminders and Patient Record Flags.

Pre-Installation

We recommend that the team members who will be responsible for implementing this project coordinate with each other before installing the patches, to determine the first three pre-install steps. This team could include MH coordinators, Suicide Prevention Coordinators, Clinical Application Coordinators (CACs), Reminders Managers, and IRM staff.

STEP 1 – Make sure that the regular Scheduling Background Job [SDAM BACKGROUND JOB] has been scheduled, so that the High Risk MH No-Show Nightly Report Job [SD MH NO SHOW NIGHTLY BGJ] will be sent to appropriate staff.



NOTE: Your site should not specifically schedule the SD MH NO SHOW NIGHTLY BGJ. It should be running automatically at the time the SDAM BACKGROUND JOB runs each night.

Example: Scheduling Background Job [SDAM BACKGROUND JOB]

```
Option Name: SDAM BACKGROUND JOB
Menu Text: Appointment Status Update (Backg           TASK ID: 3940982
QUEUED TO RUN AT WHAT TIME: AUG 30,2012@00:15
DEVICE FOR QUEUED JOB OUTPUT:
QUEUED TO RUN ON VOLUME SET:
RESCHEDULING FREQUENCY: 1D
TASK PARAMETERS:
SPECIAL QUEUING: STARTUP
```

STEP 2 - Determine the name of the Mail Group Owner for the **new** Mail Group DGPF CLINICAL HR FLAG REVIEW. **NOTE:** The new DGPF CLINICAL HR FLAG REVIEW mail group will also be used to send a message when the patient's flag needs to be reviewed, following existing PRF review processes (continue/inactivate/delete).

During the DG*5.3*849 install, the installer will be asked to enter a name for the Mail Group Owner. *We recommend that a CAC and/or an MH/SPC representative be present during the install, to answer this question*

Example: This prompt appears during the installation:

```
Enter the Coordinator for Mail Group 'DGPf CLINICAL HR FLAG REVIEW'
```

The assigned owner of this mail group will be responsible for entering the names of Suicide Prevention Coordinators and/or other MH professionals into the Mail Group. Sites can decide who this owner should be – an IRM staff member, a CAC, or one of the MH-SPC team.



NOTE: Self enrollment is not allowed for the **new** DGPf CLINICAL HR FLAG REVIEW mail group.

We recommend that a Clinical Reminders Manager or CAC be present during the install, so that if questions occur during the install of Reminder Exchange entries, a knowledgeable person can respond to them.

This should be the Suicide Prevention Coordinator (or designee). This name should be available to the IRM staff prior to installing the patch.

STEP 3 - After the patch is installed, IRM will need to attach the new DGPf LOCAL TO NATIONAL CONVERT option to the appropriate menu for the Suicide Prevention Coordinator (or designee).

The Suicide Prevention Coordinator (or designee) will need to populate the DGPf CLINICAL HR FLAG REVIEW mail group with members as needed. This mail group will receive the reports and any error messages generated by the local-to-national PRF processing.

STEP 4 - Have the local Suicide Prevention Coordinator evaluate your local PRF entries and make any changes for the PRF conversion of local Category II flags to national Category I flags. This should be done using the **Report Only** action in the DGPf LOCAL TO NATIONAL CONVERT option. As part of the post-patch processing, this patch installs a new national flag data entry (HIGH RISK FOR SUICIDE) into the PRF NATIONAL FLAG file (#26.15)

Basic requirements of auto-creating national PRF entries:

- Local flag **MUST BE** currently active
- Local flag information will be pulled into the new National flag at creation.
- Various comments are updated to reflect auto-created information.

If there is an issue with generating a National flag:

- No National flag is created
- Local flag remains intact
- Error report will be generated

Pre Installation

STEP 5 - If you have locally defined notifications, you may need to renumber them before this patch is installed. A new notification is being released with this patch: SUICIDE ATTEMPTED /COMPLETED.

- This informational notification is triggered by Clinical Reminders when a MH SUICIDE ATTEMPTED or MH SUICIDE COMPLETED health factor has been documented in PCE.

Notifications are processed by IEN (internal entry number) from the OE/RR NOTIFICATIONS File #100.9. Any site-defined notifications run the risk of being over-written by new notifications that are nationally released, **especially those within the number range 1-9999, which is reserved for national release. If you have locally defined notifications, you may need to renumber them before this patch is installed. Specifically, IEN #77 is being added.**

STEP 6 - The Reminder Definitions in this project look for the national category I HIGH RISK FOR SUICIDE patient record flag and the local category II patient record flag used at your site. The new term, VA-MH HIGH RISK FOR SUICIDE PRF, used in these reminders, looks for the local name HIGH RISK FOR SUICIDE, which is the first mapped finding in the Mapped Findings. The Computed Finding Parameter of HIGH RISK FOR SUICIDE^L means use the local patient record flag called HIGH RISK FOR SUICIDE.

If your site uses a different category II patient record flag name, then the Computed Finding Parameter for the first mapped finding should be changed. For example, if your site uses SUICIDE RISK as the name of the category II patient record flag, then the computed finding parameter should be changed to SUICIDE RISK^L.



NOTE: Do not change the second mapped finding with the Computed Finding Parameter of HIGH RISK FOR SUICIDE^N.

Required Software for Installation

This is the software required for the second release of the (HRMH) project. It includes six patches that will be installed as a HIGH RISK MH 2.0 combined build.

Required Software for PXR*2*24

PACKAGE/PATCH	NAMESPACE	VERSION	COMMENTS
Clinical Reminders PXR*2*18	PXR	2.0	Fully patched
Gen. Med. Rec. – Vitals GMRV*5*25	GMRV	5.0	
Health Summary	GMTS	2.7	Fully patched
HL7	HL	1.6	Fully patched
Kernel	XU	8.0	Fully patched
Kernel Toolkit XT*7.3*111	XT	7.3	
Mailman	XM	7.1	Fully patched
Mental Health Assistant (MHA) YS*5.01*103 + MH DLLS	YS	5.01	Fully patched
National Drug File PSN*4.0*176	PSN	4.0	Fully patched
Order Entry/Results Reporting	OR	3.0	Fully patched
Pharmacy Data Management PSS*1.0*133	PSS	1.0	
Outpatient Pharmacy PSO*7.0*299	PSO	7.0	
Primary Care Management Module (PCMM) SD*5.3*575	SD	5.3	
Radiology/Nuclear Medicine RA*5*56	RA	5.0	
VA FileMan	DI	22	Fully patched

Required Software for DG*5.3*836

PACKAGE/PATCH	NAMESPACE	VERSION	COMMENTS
Registration/Enrollment	DG	5.3	Fully patched
Patient Record Flags Phase III DG*5.3*650	DG	5.3	

Required Software for SD*5.3*578

PACKAGE/PATCH	NAMESPACE	VERSION	COMMENTS
Scheduling	SD	5.3	Fully patched

Required Software for SD*5.3*583

PACKAGE/PATCH	NAMESPACE	VERSION	COMMENTS
Scheduling	SD	5.3	Fully patched

Required Software for GMTS*2.7*99

PACKAGE/PATCH	NAMESPACE	VERSION	COMMENTS
Health Summary	GMTS	2.7	Fully patched

Required Software for TIU*1*260

PACKAGE/PATCH	NAMESPACE	VERSION	COMMENTS
Text Integration Utilities	TIU	1.0	Fully patched

Required Software for OR*3*348

Package/Patch	Namespace	Version	Comments
Primary Care Management Module (PCMM)	SD	5.3	Fully patched
Order Entry/Results Reporting OR*3*243 OR*3*280 OR*3*296	OR	3.0	


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Installation

This section of the installation guide describes how to install the combined build that includes patches: DG*5.3*849, SD*5.3*588, GMTS*2.7*104, TIU*1.0*265, OR*3.0*348, and PXR*2.0*24.

Important Installation Warning

The actual installation of the SD*5.3*588 HIGH RISK MENTAL HEALTH PROACTIVE REPORT and DG*5.3*849 DGPF NEW CATEGORY I FLAG AND CONVERSION patches referenced in this guide should occur using the instructions contained in the **High Risk Mental Health Patient Project Installation and Setup Guide, PXR*2_24_IG.PDF**. This is the official installation and setup authority.

	NOTE: The install of the SD & DG patches MUST occur using the combined bundle of six associated patches. Also note that there are pre and post conditions that must occur.
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	NOTE: The installation needs to be done by a person with DUZ (0) set to "@." We recommend that a Clinical Reminders Manager or CAC be present during the install, so that if questions occur during the install of Reminder Exchange entries, a knowledgeable person can respond to them.
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1. Retrieve HIGH_RISK_MH_2_0 .KID Host File containing the multi-package build HIGH RISK MH 2.0.

Use File Transfer Protocol (FTP) to access the build (the name of the host file is HIGH_RISK_MH_2_0 .KID) from one of the following locations (with the ASCII file type):

- Albany ftp.fo-albany.med.va.gov <ftp://ftp.fo-albany.med.va.gov>
- Hines ftp.fo-hines.med.va.gov <ftp://ftp.fo-hines.med.va.gov>
- Salt Lake City ftp.fo-slc.med.va.gov <ftp://ftp.fo-slc.med.va.gov>

2. Install Build first in a training or test account

Installing in a non-production environment will give you time to get familiar with new functionality and complete the setup for reminders and dialogs prior to installing the software in full scale production.

3. Load Distribution

When in programmer mode, type D ^XUP, select the Kernel Installation & Distribution System menu (XPD MAIN), then the Installation option, and then the option LOAD a Distribution.

Enter your directory name and HIGH_RISK_MH_2.0.KID at the Host File prompt.

Example: Host file HIGH_RISK_MH_2.0.KID

Installation

```
Select Installation Option: LOAD a Distribution
Enter a Host File: HIGH_RISK_MH_2.0.KID
KIDS Distribution saved on FEB 29: HIGH_RISK_MH_2_0.KID
```

From the Installation menu, you may elect to use the following options:

OPTION	DESCRIPTION
Backup a Transport Global	This option will create a backup message of any routines exported with the patch. It will NOT back up any other changes such as DDs or templates.
Compare Transport Global to Current System	This option will allow you to view all changes that will be made when the patch is installed. It compares all components of the patch (routines, DDs, templates, etc.).
Verify Checksums in Transport Global	This option will allow you to ensure the integrity of the routines that are in the transport global. If there are any discrepancies, do not run the Install Package(s) option. Instead, run the Unload a Distribution option to remove the Transport Global from your system. Retrieve the host file again from the anonymous directory and Load the Distribution again. If the problem still exists, log a Remedy ticket and/or call the national Help Desk (1-888-596-HELP) to report the problem.

Example: Kernel Installation & Distribution System Option: utilities

```
Select Kernel Installation & Distribution System <TEST ACCOUNT> Option:
utilities
```

```
Select Utilities <TEST ACCOUNT> Option: Verify Package Integrity
```

```
Select BUILD NAME: HIGH RISK MH 2.0
```

```
CHOOSE 1-2: 2 HIGH RISK MH 2.0      (Multi-Package)
```

```
TIU*1.0*265   DG*5.3*849
```

```
SD*5.3*588
```

```
GMTS*2.7*104
```

```
OR*3.0*348
```

```
PXRM*2.0*24
```

```
Want each Routine Listed with Checksums: Yes//  YES
```

```
DEVICE: HOME//; 999 HOME
```

```
PACKAGE: HIGH RISK MH 2.0      Dec 11, 2012 2:04 pm      PAGE 1
```

```
-----
0 Routine checked, 0 failed.
```

```
PACKAGE: TIU*1.0*265      Dec 11, 2012 2:04 pm      PAGE 1
```

```
-----
TIULO1      Calculated      21084404
```

```
1 Routine checked, 0 failed.
```

```
PACKAGE: DG*5.3*849      Dec 11, 2012 2:04 pm      PAGE 1
```

```
-----
DG53849P    Calculated      7093789
```

```
DGPFCNR     Calculated      62901548
```

```
DGPFCNV     Calculated      95099109
```

```
3 Routines checked, 0 failed.
```

```
PACKAGE: SD*5.3*588      Dec 11, 2012 2:04 pm      PAGE 1
```

```
-----
SD53588P    Calculated      6953359
```

```
SDAMQ       Calculated      9860749
```

```
SDMHAD      Calculated      116008938
```

```
SDMHAD1     Calculated      108729141
```

```
SDMHAP      Calculated      89393379
```

```
SDMHAP1     Calculated      16336515
```

```
SDMHNS      Calculated      22141437
```

```
SDMHNS1     Calculated      101585316
```

```
SDMHPRO     Calculated      15994772
```

```
SDMHPRO1    Calculated      19699190
```

```
10 Routines checked, 0 failed.
```

```
PACKAGE: GMTS*2.7*104      Dec 11, 2012 2:04 pm      PAGE 1
```

```
-----
GMTSMHRF    Calculated      7698174
```

```
GMTSMHTC    Calculated      7727408
```

```
GMTSY104    Calculated      9611824
```

```
3 Routines checked, 0 failed.
```

Installation

PACKAGE: OR*3.0*348	Dec 11, 2012 2:04 pm	PAGE 1

ORB3	Calculated	97635419
ORB3SPEC	Calculated	93913902
ORBINPTR	Calculated	1813250
ORBPRCHK	Calculated	32589157
ORY348	Calculated	13557254
5 Routines checked, 0 failed.		
PACKAGE: PXR*2.0*24	Dec 11, 2012 2:04 pm	PAGE 1

PXRM	Calculated	37992293
PXRMCDEF	Calculated	2284758
PXRMDATE	Calculated	69746461
PXRMEDT	Calculated	86390747
PXRMDDEV	Calculated	78211075
PXRMDUTL	Calculated	9494253
PXRMEXFI	Calculated	53496841
PXRMEXIC	Calculated	80167234
PXRMEXID	Calculated	65987316
PXRMEXIU	Calculated	66069083
PXRMEXLM	Calculated	46743705
PXRMEXPS	Calculated	192149462
PXRMEXSI	Calculated	40410891
PXRMFF	Calculated	65126590
PXRMICHK	Calculated	132138736
PXRMLOCF	Calculated	95753792
PXRMLPOE	Calculated	14864405
PXRMMSER	Calculated	106782052
PXRMNTFY	Calculated	3662059
PXRMP24E	Calculated	2321342
PXRMPMM	Calculated	11797305
PXRMPDEM	Calculated	65842415
PXRMPINF	Calculated	8130614
PXRMRDI	Calculated	38535019
PXRMSCR	Calculated	88295
PXRMTAX	Calculated	65791721
PXRMUTIL	Calculated	113964494
PXRMVSIT	Calculated	10650656
PXRMXQUE	Calculated	12328074
29 Routines checked, 0 failed.		

4. Install the Build

From the Installation menu on the Kernel Installation and Distribution System (KIDS) menu, select the Install Package (s) option. Select the build HIGH RISK MH 2.0 KIDS and proceed with the install. If you have problems with the installation, log a Remedy ticket and/or call the National Help Desk to report the problem.

```
Select Installation & Distribution System Option: Installation
Select Installation Option: INSTALL PACKAGE(S)
Select INSTALL NAME: HIGH RISK MH 2.0
```

Answer "NO" to the following prompt:

```
Want KIDS to INHIBIT LOGONs during install? NO// NO
```



NOTE: DO NOT QUEUE THE INSTALLATION, because this installation may ask questions requiring responses and queuing will stop the installation. A Reminders Manager or CAC should be present to respond to these.

5. Install File Print

Use the KIDS Install File Print option to print out the results of the installation process. You can select the multi-package build or any of the individual builds included in the multi-package build.



NOTE: Estimated Installation Time: 10-15 minutes.

```
Select Utilities Option: Install File Print
Select INSTALL NAME: HIGH RISK MH 2.0
```

6. Build File Print

Use the KIDS Build File Print option to print out the build components.

```
Select Utilities Option: Build File Print
Select BUILD NAME: HIGH RISK MH 2.0
DEVICE: HOME//
```

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Post-Installation

Post-Installation Routines

- As part of the post-patch processing, DG*5.3*849 installs a new national flag data entry into the PRF NATIONAL FLAG file (#26.15). This data entry is the HIGH RISK FOR SUICIDE national flag. Once it's been established that the flag has been correctly installed into the file, the post-install routine should be deleted.
- GMTS*2.7*104 contains a routine (GMTSY104) that will perform an environment check and update the DESCRIPTION field of the HEALTH SUMMARY COMPONENT file (142.1) entry for MH HIGH RISK PRF HX (post-install). GMTSY104 can be deleted after successful installation. GMTSY104 can be deleted after successful installation.
- TIU*1.0*265 consists of one post-install routine that will install the new title into the TIU DOCUMENT DEFINITION file (#8925.1). A message will be written to screen and also captured in the install log as to whether or not the title was successfully created. If a title already exists with the same name, it will be overwritten by the new title.
- The routine TIUPS265 contains the POST-install actions for this patch. This routine may be deleted from the system if storage space is a concern. Local IT staff should consider keeping a copy of TIUPS265 as it may prove useful in the event of any unexpected issues with this patch.
- OR*3.0*348 contains one post-install routine (ORY348) that will install the new SUICIDE ATTEMPTED/COMPLETED notification and its associated package parameter values as mentioned under the OR*3.0*348 section of the Introduction. ORY348 can be deleted after successful installation.
- SD*5.3*588 contains one post-install routine (SD53588P) that adds two new parameters to the PARAMETERS (#8989.5) file with associated parameter definitions added to the PARAMETER DEFINITION (#8989.51) file. The new parameter SDMH PROACTIVE DAYS stores a value that will list for future appointments the number of days stored in the parameter, for each patient on the High Risk MH Proactive Adhoc Report and High Risk MH Proactive Nightly Report. This parameter is checked when the SD MH PROACTIVE BGJ REPORT is run.
 - The default value of 30 days will be populated by the post-init for the parameter.
 - Sites may change the number of days stored in the parameter, within the range of 1 to 30, by using the General Parameter Tools option, selecting the Edit Parameter Values option, and entering SDMH PROACTIVE DAYS. Routine SD 53588P can be deleted after the install.

Installation

- The second new parameter is **SDMH NO SHOW DAYS** which also stores a value that will list for future appointments the number of days stored in the parameter, for each patient on the **SD MH NO SHOW NIGHTLY BGJ Report**.
 - The default value of 30 days will be populated by the post-init for the parameter.
 - Sites may change the number of days stored in the parameter, within the range of 1 to 30, by using the General Parameter Tools option, selecting the Edit Parameter Values option, and entering **SDMH NO SHOW DAYS**. Routine **SD53588P** can be deleted after the install.

Post-Installation Set-up Instructions

1. Assign SPCs to the User Class **DGPF PATIENT RECORD FLAGS MGR**.
 - a. To write a PRF note for a category I flag, the user must belong to the **DGPF PATIENT RECORD FLAG MGR** user class. Each site will be responsible for populating this user class.
 - b. The new **HIGH RISK FOR SUICIDE** title is in the existing Document Class **PATIENT RECORD FLAG CAT I**, and the existing business rule applies to that Document Class, so the rule applies to the new title automatically.

Example: Business Rule:

```
An UNTRANSCRIBED (DOCUMENT CLASS) PATIENT RECORD FLAG CAT I may
BE ENTERED by a DGPF PATIENT RECORD FLAGS MGR

DESCRIPTION: This rule limits note entry to persons specially trained to
assign and document the assignment of Category I Patient Record Flags.

Sites must not alter, delete, or override this rule. Rule created by patch
USR*1*24.
```

Example: USR CLASS MANAGEMENT for current Category I TIU Standard Note Title

```
Select OPTION NAME: USR
 1 USR BUSINESS RULE MANAGEMENT Manage Business Rules action
 2 USR CLASS DEFINITION User Class Definition action
 3 USR CLASS MANAGEMENT MENU User Class Management menu
 4 USR INITIALIZE MEMBERSHIP Initialize Membership of User Classes action
 5 USR LIST MEMBERSHIP BY CLASS List Membership by Class action

Press <RETURN> to see more, '^' to exit this list, OR
CHOOSE 1-5: 2  USR CLASS DEFINITION      User Class Definition action
User Class Definition

Select User Class Status: ACTIVE//      Active
      Start With Class: FIRST//
      Go To Class: LAST//
Searching for the User Classes.....

User Classes          Oct 30, 2012@09:04:33          Page: 9 of 42
```

ACTIVE USER CLASSES		622 Classes
+ Class Name	Abbrev	
121 DERMATOLOGIST: CLINICAL & LABORATORY	DERM	
122 DERMATOLOGY	FELLOW	
123 DERMATOPATHOLOGIST	DERMP	
124 DETECTIVE	DET	
125 DEVELOPER	DEV	
126 DGPF PATIENT RECORD FLAGS MGG	PRFM	
127 DIABETES STUDY NURSE	DSRN	
128 DIALYSIS TECHNICIAN	DIALTEC	
129 DIETETIC INTERN	DI	
130 DIETETIC TECHNICIAN STUDENT	DTS	
+ + Next Screen - Prev Screen ??		More Actions
Find	Expand/Collapse Class	Change View
Create a Class	List Members	Quit
Edit User Class		
Select Action: Next Screen// 126		
Listing Members of #126		
User Class Members		Oct 30, 2012@09:05:11 Page: 1 of 1
DGPF PATIENT RECORD FLAGS MGRs		5 Members
Member		Effective Expires
1	MHPROVIDER,THREE	
2	MHPROVIDER,TWELVE	10/18/11
3	MHPROVIDER,TEN	
4	MHPROVIDER,TWO	10/18/11
5	WHPROVIDER,THIRTEEN	
(?SBPN) missing SIGNATURE BLOCK PRINTED NAME >>>		
Add	Remove	Change View
Edit	Schedule Changes	Quit
Select Action: Quit// AD Add		
Select MEMBER: MHCOORDINATOR,TWO TM CAC MD		
MEMBER: MHCOORDINATOR, TWO //		
EFFECTIVE DATE: NOW (OCT 30, 2012)		
EXPIRATION DATE:		

2. Assign Mental Health Treatment Coordinators (MH PCMM Coordinator) in the Patient Care Management Module (PCMM). See the PCMM MHTC User Manual for instructions. (MH PCMM Coordinator)
3. Assign MHTCs to appropriate patients. See the PCMM MHTC User Manual for an example. (MH PCMM Coordinator)
4. Attach the new DGPF LOCAL TO NATIONAL CONVERT option to the appropriate menu for the Suicide Prevention Coordinator (or designee) (IRM).
5. Add names to the DGPF CLINICAL HR FLAG REVIEW Mail group. (Mail Group Owner)
The Mail Group Owner of the DGPF CLINICAL HR FLAG REVIEW Mail Group (as entered during the installation process) will need to add these names after the multi-package build is installed. The Mail Group members added to this Mail Group will receive the reports in a MailMan Message. This may include all facility SPCs if you're in an integrated site.

Installation



NOTE: The DGPf CLINICAL HR FLAG REVIEW Mail Group is not used to document PRF Transmission Errors. It is only used to let Mail Group members know the patient's PRF is due for a review.

Members of this mail group will receive the reports and any error messages generated by the local-to-national PRF processing.

Example: DGPf CLINICAL HR FLAG REVIEW Mail Group Edit

```
>D ^XUP
Setting up programmer environment
This is a TEST account.
Select OPTION NAME: XMMGR
  Manage Mailman      menu
    Check MailMan Files for Errors
    Create a Mailbox for a user
    Disk Space Management ...
    Group/Distribution Management ...
    Local Delivery Management ...
    MailMan Site Parameters
    Network Management ...
    New Features for Managing MailMan

Select Manage Mailman Option: Group/Distribution Management
[XMMGR-GROUP-MAINTENANCE]
Select Group/Distribution Management Option: Mail Group Coordinator's Edit
[XMMGR-MAIL-GRP-COORDINATOR]
This option allows a mail group coordinator to edit the mail groups
that he or she is the coordinator of (and no others).  It does not allow
edit of remote recipients.

Select MAIL GROUP NAME: DGPf CLINICAL HR FLAG REVIEW
Select MEMBER: MHUSER, TWO
  Are you adding 'MHUSER, TWO' as a new MEMBER (the 1ST for this MAIL GROUP)?
No// YES
Select MEMBER: MHUSER, THREE
```

6. Select the Convert Local HRMH PRF to National option. **Select Report Only.**



IMPORTANT DEPLOYMENT NOTE: Do NOT run the Processing mode of the DGPf LOCAL TO NATIONAL CONVERT option (Process Local-to-National option) until 30 days after the mandated install date and you have received approval from the Office of Mental Health Services (OMHS). This will help to minimize transmission error messages among sites with shared patients. These errors messages occur when one of these sites has installed and runs the conversion, but another site that also sees the same patient(s) has not installed this newly released software patch(s). You may run the Report Only mode of the option after installing the package, to get a preliminary report of local PRFs that will be converted.

Example: DGPf LOCAL TO NATIONAL CONVERT option

```
Select OPTION NAME: DGPf LOCAL TO NATIONAL CONVERT   Convert Local HRMH PRF
to National      action
Convert Local HRMH PRF to National
```

This option can be run in a report only mode which will provide a report of what actions the local-to-national processing will perform. Enter 'R' to run the Report Only mode, or 'P' to begin the local-to-national PRF processing.

Select one of the following:

- R Report Only
- P Process Local-to-National

Select which mode to run: **R//** Report Only
 ...SORRY, JUST A MOMENT PLEASE...

>> Results have been sent to the 'DGPf CLINICAL HR FLAG' mail group

```
Subj: Pre-report National Flag Create 8/1/12@15:42 [#64240] 08/01/12@15:42
44 lines
From: HRMH PRF GENERATE JOB In 'IN' basket.   Page 1 Priority!
```

```
-----
Pre-scan summary from Local to National flag processing job
Run date: Aug 01, 2012@15:42:06
Started by: MHPROVIDER,SIX
```

```
Summary of PRF Processing:
  Total active Cat II flag assignments:   12
  Cat I flags created:                    5
  Potential errors Found:                 5
  Cat II flags requiring manual action:   0
  Found active Cat I and Cat II flags:   2
```

```
-----
Processing Results:
Invalid DFN's or Patient File errors
```

 No DFN errors were found

Patients with Local ICN (National ICN Required)

Name	Local ICN
AWHPATIENT,FEMALEFIFTEEN (0015)	6600000145V816164
CRPATIENT,ONE (2222)	6600000120V652113
MHPATIENT,TWO (0011)	6600000105V932329

National Flag assigned and Local still active

Name	CMOR	Owning Site
CRPATIENT,TWO (4444)	SALT LAKE CITY OIFO	SALT LAKE CITY HCS

Patients flagged for manual processing

Name	CMOR	Description
------	------	-------------

Installation

No records needing manual intervention found

Other Errors which may have prevented conversion

Name	Description
------	-------------

No other errors found

7. Allocate the DGPF TRANSMISSIONS security key to users as described below.

Example: Description of the DGPF TRANSMISSIONS security key

DESCRIPTIVE NAME: Patient Record Flag Trans

DESCRIPTION: This key should only be given to those individuals who may perform Patient Record Flag functions related to the sharing/transmission of Category I PRF assignments with other treating facilities. These functions include the following:

- Transmission error processing
- Retransmission of patient assignments
- Transmission of a query to a selected treating facility

8. Add the DGPF TRANSMISSION MGMT menu option to the same users as above. (This option will only be assigned to a few staff at your site – it should be provided to the same person who runs the conversion). The Record Flag Transmission Errors option on this menu will be used by sites that have multi-treating facilities and will be sharing Category I PRF assignment information.

Example: Record Flag Transmission Errors Option Description

```

DGPF TRANSMISSION MGMT      Record Flag Transmission Mgmt      menu
TE      Record Flag Transmission Errors
DESCRIPTION:  This option provides a List Manager user interface that can
be used to review and manage Rejected Status ("RJ") HL7 transmission
messages that are received from Treating Facilities of the patient when
trying to share Category I PRF Assignment information.  The following
actions are provided within this option.
- Sort List display by patient name alphabetically or date/time received
- View Message details of the patient's rejected HL7 message record
- Retransmit all of the patient's PRF Assignment and History records to
  the site that the rejection message occurred at.
MQ      Record Flag Manual Query

```

9. Add users to the DGPF HL7 TRANSMISSION ERRORS Mail Group. These should be the same users who were given the DGPF Transmissions Security Key and access to the DGPF Transmission MGMT option. Recipients will receive any error messages generated by the local-to-national PRF processing. Messages sent to the user will need to be checked for the reject reason of “Record Flag is already assigned to patient,” so that they can coordinate with the other site that is also owner of the Cat I HIGH RISK FOR SUICIDE record.

Example: How to add users to the DGPF HL7 TRANSMISSION ERRORS Mail Group

```


CHOOSE 1-5: 4 DGPF HL7 TRANSMISSION ERRORS
MAIL GROUP NAME: DGPF HL7 TRANSMISSION ERRORS      Replace
Select MEMBER: MEMBER,ONE//
MEMBER: MEMBER,ONE//
TYPE:
Select MEMBER:
DESCRIPTION:
This mail group is used to notify Patient Record Flag administrators of
transmission errors that occur during the processing of HL7 messages.


```

Installation

10. The HIGH RISK FOR SUICIDE national flag uses a new Text Integration Utility (TIU) Progress Note (PN) title which is installed by patch TIU*1.0*265; PRF CAT I - HIGH RISK FOR SUICIDE. If this Progress Note Title is not available, the HIGH RISK FOR SUICIDE national flag will not be installed. In this case, you will need to manually install it, by running the post-install routine from the programmer prompt (>D EN^DG53849P).
11. If your site is using the Reminder dialog template, SUICIDE HIGH RISK PRF DOCUMENTATION, make the following changes:
 - a. Change Category II to Category I
 - b. The CACs will need to temporarily assign themselves the ASU User class of DGPF PATIENT RECORD FLAGS MGR. This user class allows the CAC to see the Patient Record Flag Category I –High Risk for Suicide title and attach the reminder dialog if desired.

It is not required to use health factors with the Category I PRF—the national PRF data is extractable. However, if you want to link the existing template that captures health factors to the new TIU note title, you can do this.
12. Enable the new informational notification released with this patch, SUICIDE ATTEMPTED/ COMPLETED, which is triggered by Clinical Reminders when an MH SUICIDE ATTEMPTED or MH SUICIDE COMPLETED health factor has been documented in PCE. IRM will need to enable this at the System level.
 - a. Assign SPC users as recipients to this notification. Note: MHTC should already be set up as a default recipient type for Suicide Attempted/Completed.
 - b. Add ‘C’ (MHTC) to the default recipient list for other notification types (Admission, Discharge, ...) as deemed necessary.
 - c. Other Notification Types enabled on your system that are identified as appropriate to notify the patient’s assigned MHTC. (e.g., Admission, Discharge,) will need to be manually defined as needed.

	<p>NOTE: An ORB PROVIDER RECIPIENT parameter value of “CM” is exported with the Suicide behavior notification. Therefore, the suicide behavior notification will be sent to the MHTC and PCMM Mental Health team if any are set up and configured at the site.</p>
---	--

	<p>NOTE: Directions on how to set those up should be contained in a setup manual created by the sister project, Principal Mental Health Provider.</p> <p>Refer to the Primary Care Management Module (PCMM) – Mental Health Treatment Coordinator (MHTC) User Manual (pcmmmhtcug.pdf) for more information.</p>
---	---

Here is the set of codes indicating default provider recipients of a notification by their title or relationship to the patient. Notifications can be set up with any or all of the following codes:

Example: Set of Codes for Notifications

P (Primary Provider): deliver notification to the patient's Primary Provider.

A (Attending Physician): deliver notification to the patient's Attending Physician.

T (Patient Care Team): deliver notification to the patient's OE/RR Teams (personal patient and team lists are evaluated for potential recipients) and to devices on an OE/RR team).

O (Ordering Provider): deliver notification to the provider who placed the order which trigger the notification.

M (PCMM Team): deliver notification to users/providers linked to the patient via PCMM Team Position assignments.

E (Entering User): deliver notification to the user/provider who entered the order's most recent activity.

R (PCMM Primary Care Practitioner): deliver notification to the patient's PCMM Primary Care Practitioner.

S (PCMM Associate Provider): deliver notification to the patient's PCMM Associate Provider.

C (PCMM Mental Health Treatment Coordinator): deliver notification to the patient's PCMM Mental Health Treatment Coordinator.

- d. Once the set-up is accomplished you may verify the results using the following notification management menu:

Installation

Example: Notification Management Menu

NOTIFICATION MANAGEMENT MENU

- 1 Enable/Disable Notifications
- 2 Erase Notifications
- 3 Set Urgency for Notifications (GUI)
- 4 Set Deletion Parameters for Notifications
- 5 Set Default Recipient(s) for Notifications
- 6 Set Default Recipient Device(s) for Notifications
- 7 Set Provider Recipients for Notifications
- 8 Flag Orderable Item(s) to Send Notifications
- 9 Archive(delete) after <x> Days
- 10 Forward Notifications ...
- 11 Set Delays for Unverified Orders ...
- 13 Send Flagged Orders Bulletin
- 14 Determine Recipients for a Notification
- 15 Display Patient Alerts and Alert Recipients
- 16 Enable or Disable Notification System
- 17 Display the Notifications a User Can Receive

Select Notification Mgmt Menu Option: 14 Determine Recipients for a
Notification PATIENT (req'd): MHPATIENT,ONE 5-5-55 555121255
YES SC VETERAN
Enrollment Priority: GROUP 1 Category: IN PROCESS End Date:

NOTIFICATION (req'd): SUICIDE ATTEMPTED/COMPLETED
Processing, please stand by...
DEVICE: HOME// ;;9999 HOME

DETERMINE NOTIFICATION RECIPIENTS REPORT

Page: 1

Processing notification: SUICIDE ATTEMPTED/COMPLETED
for patient: MHPATIENT,ONE

Default recipient users and teams:

SBCUSER,ONE: ON because
Default Recipient (USER) parameter set to Yes.
SBCUSER,TWO: ON because
Default Recipient (USER) parameter set to Yes.

Recipients determined by Provider Recipient parameter:

PCMM Team Position Assignments:
PCMM Mental Health Treatment Coordinator:

MHTCUSER,ONE: ON because
User MHTCUSER,ONE is Enabled.

- End of Report -

13. Check the DG Parameter Definition setup for the PRF FOR SUICIDE PREVENTION. If your site has a different name for this PRF, you'll need to go into the Parameter Tools option (XPAR MENU TOOLS) to change this.



NOTE: You may need programmer access to use this option, depending on how your site has assigned menus and options.

Example: Select General Parameter Tools Option: EP Edit Parameter Values

```

LV      List Values for a Selected Parameter
LE      List Values for a Selected Entity
LP      List Values for a Selected Package
LT      List Values for a Selected Template
EP      Edit Parameter Values
ET      Edit Parameter Values with Template
EK      Edit Parameter Definition Keyword
Select General Parameter Tools Option: EP Edit Parameter Values
          --- Edit Parameter Values ---
Select PARAMETER DEFINITION NAME: PRF FOR SUICIDE PREVENTION  DGPF SUICIDE
FLAG
  PRF for Suicide Prevention

----- Setting DGPF SUICIDE FLAG for Package: REGISTRATION -----
Value: HIGH RISK FOR SUICIDE  Replace

```

14. If desired, change the number of days for future appointments that will appear on the SD MH NO SHOW NIGHTLY BGJ Report and the SD MH PROACTIVE BGJ REPORT.

These can be changed by calling the option XPAR EDIT PARAMETER (Edit Parameter Values) and editing the SDMH PROACTIVE DAYS parameter for the SD MH PROACTIVE BGJ REPORT number of days and the SDMH NO SHOW DAYS parameter for the SD MH NO SHOW NIGHTLY BGJ number of days. The default value is 30 days for both parameters.

Example: Select General Parameter Tools Option: EP Edit Parameter Values

```

          --- Edit Parameter Values ---
Select PARAMETER DEFINITION NAME: SDMH PROACTIVE DAYS  Proactive Report Future Days
Displayed
Setting SDMH PROACTIVE DAYS for Package: SCHEDULING 30: 30// ??
Enter the number of days from 1 to 30 to list future appointments for on the nightly
Proactive Report.
30: 30// 15
-----
Select PARAMETER DEFINITION NAME: SDMH NO SHOW DAYS      No Show Report Future Days
Displayed
Setting SDMH NO SHOW DAYS for Package: SCHEDULING ---30: 30// 10
-----
Select PARAMETER DEFINITION NAME: <Enter>

```

Installation

15. IRM staff will need to attach the High Risk MH Proactive Adhoc Report [SD MH PROACTIVE AD HOC REPORT] and High Risk MH Proactive Nightly Report [SD MH PROACTIVE BGJ REPORT] menu options to an appropriate menu for the Suicide Prevention Coordinator, or to a menu at the local suicide prevention staff's discretion.
16. Use the same name entered in the Parameter Definition to complete an update to the reminder term. For the reminder definition VA-MH HIGH RISK NO-SHOW FOLLOW-UP, the term VA-MH HIGH RISK FOR SUICIDE PRF needs to be reviewed, and if the local Suicide flag name is not HIGH RISK FOR SUICIDE, the term needs to be updated to the local name.

Example: VA-MH High Risk for Suicide PRF Review

```
----- Begin: VA-MH HIGH RISK FOR SUICIDE PRF (FI(2)=RT(811)) -----  
          Finding Type: REMINDER TERM  
  
Use in Patient Cohort Logic: AND  
  
    Beginning Date/Time: FIEVAL(1,1,"DATE")  
    Ending Date/Time: FIEVAL(1,1,"DATE")+1D  
    Occurrence Count: 2
```

```
REMINDER DEFINITION INQUIRY                               Jul 19, 2012 7:56:47 am Page 5  
-----  
  
          Mapped Findings: CF.VA-PATIENT RECORD FLAG  
                          INFORMATION  
    Computed Finding Parameter: HIGH RISK FOR SUICIDE^L  
  
          Mapped Findings: CF.VA-PATIENT RECORD FLAG  
                          INFORMATION  
    Computed Finding Parameter: HIGH RISK FOR SUICIDE^N  
  
----- End: VA-MH HIGH RISK FOR SUICIDE PRF -----
```


17. Set up a Reminder Due Report Template for SPCs.

A new reminder called VA-MHTC NEEDS ASSIGNMENT is available that can be used from CPRS to evaluate and display on the Cover Sheet's Reminders Due section when the patient is a candidate for MHTC assignment. In order to be an MHTC candidate, the patient must have had three completed MH appointments within the past year, and not have an MHTC assigned to the patient.

- The reminder definition uses the new VA-PCMM MHTC computed finding.
- There is no reminder dialog related to this reminder.
- Uses Reminder Term VA-MH APPTS FOR MHTC ASSIGNMENT, which uses a new Reminder Location List called VA-MHTC APPT STOP CODES LL in the Computed Finding VA-Appointments for a Patient.
- **The new Reminder Location List is consistent with the national list of MH Encounter Stop Codes defined for sites by the Office of Mental Health Services.**
- This reminder can also be used from Reminder Reporting options/Reminders Due Report. Reminder CACs can create a Reminders Due Report (User) template for an SPC user to get the list of patients who are scheduled for a MH appointment next week and are candidates for MHTC.
 - MHTCs, SPCs, or other MH Professionals should ask their Reminders Manager or Reminders CAC to work with them to set up the Reminders Due report criteria in a template. Set up the template based on report criteria for SPC users. The report criteria should specify facility (or facilities), stop codes (e.g., 502) or hospital locations (selected Mental Health locations), future appointments or completed visits, and the VA-MHTC NEEDS ASSIGNMENT reminder.

18. Ensure that the new health summary types have been added to the CPRS Reports tab display. (This should've been done as part of the installation and setup of Phase 1 of the HRMHP project, which was released in April 2012.)

Follow your facility's rules and conventions for adding these health summary types.

- VA-MH HIGH RISK PATIENT - This Type contains the four Health Summary Components mentioned above, and is the basis for creating the VA-MH HIGH RISK PATIENT (TIU) Health Summary Object.
- REMOTE MH HIGH RISK PATIENT - This Type contains the same components as the VA-MH HIGH RISK PATIENT and allows viewing the aforementioned information from remote sites.

Sequencing new Health Summary types is done in the GUI Parameters option.

Installation

Example: Sequencing new Health Summary types in Parameters option

```
Select CPRS Manager Menu Option: PE CPRS Configuration (Clin Coord)
Select CPRS Configuration (Clin Coord) Option: GP GUI Parameters

Select GUI Parameters Option: HS GUI Health Summary Types

Allowable Health Summary Types may be set for the following:
  2  User          USR    [choose from NEW PERSON]
  3  Division     DIV    [choose from INSTITUTION]
  4  System       SYS    [TEST.FO-SLC.MED.VA.GOV]
  5  Service      SVC    [choose from SERVICE/SECTION]

Enter selection: 4 System    xxx.MED.VA.GOV

- Setting Allowable Health Summary Types for System: PUGET-SOUND.MED.VA.GOV-
Sequence: 20//
Health Summary: VA-HIGH RISK MH PATIENT
Sequence: 21//          (your sequence numbers will be different)
Health Summary: REMOTE MH HIGH RISK PATIENT
```

19. When notified by the Office of Mental Health Services, run the PRF Local to National conversion.

Example: DGPf LOCAL TO NATIONAL CONVERT option

```
Select OPTION NAME: DGPf LOCAL TO NATIONAL CONVERT
Convert Local HRMH PRF to National      action

This option can be run in a report only mode which will provide a report
of what actions the local-to-national processing will perform.  Enter 'R'
to run the Report Only mode, or 'P' to begin the local-to-national PRF
processing.

      Select one of the following:

          R          Report Only
          P          Process Local-to-National

Select which mode to run: R// P  Process Local-to-National
...SORRY, JUST A MOMENT PLEASE...
>> Results have been sent to the 'DGPf CLINICAL HR FLAG' mail group
```

NOTE: The process to generate the new national (category I) PRFs from the local (category II) PRFs consists of determining whether a national PRF can be created from existing, active, local PRFs for suicide prevention, according to the criteria described on page [13](#).

If there is any issue with generating a national PRF, either an error message will be logged, or the record will be flagged for manual action by the suicide prevention coordinator. In this case, no national PRF is created and the local PRF will remain intact.

If a new national PRF can be created, the information from the local PRF will be used in creating the new national PRF, and upon successful creation of the new national PRF, the local PRF will be inactivated with a comment indicating a new national PRF has been created.

This national PRF entry was auto-created on <DT>, by the 'Convert Local HRMH PRF to National' option, run by <USER>. The fields are based on the local PRF <FLAG> which was inactivated by the auto conversion.

Upon creation of the new national PRF, the existing HL7 messaging functionality will be used to transmit the national PRF information to other known treating facilities, as is currently done when a National PRF is entered through the Patient Record Flag assignment menu.

Reactivating a Category II flag and then re-running the conversion to make it active as a Category I flag:

- If an old Category II flag for Suicide risk has been inactivated before you run your conversion, it will be inactive. Then if an SPC reactivates it, it will become active as a Category II flag.
- However, you can't write a note to attach to the flag. You can re-run the conversion and then make it into a Category I flag.

Installation

This page intentionally left blank

Supplemental Data

Checksums

The Checksum option determines the current checksum of selected routine(s). It verifies that you have received the complete package.

```
Select Kernel Installation & Distribution System <TEST ACCOUNT> Option: utilities
Select Utilities <TEST ACCOUNT> Option: Verify Package Integrity
Select BUILD NAME: HIGH RISK MH 2.0
```

```
CHOOSE 1-2: 2 HIGH RISK MH 2.0 (Multi-Package)
```

```
TIU*1.0*265
DG*5.3*849
SD*5.3*588
GMTS*2.7*104
OR*3.0*348
PXRM*2.0*24
```

```
Want each Routine Listed with Checksums: Yes// YES
```

```
DEVICE: HOME// ;;999 HOME
```

```
PACKAGE: HIGH RISK MH 2.0 Dec 11, 2012 2:04 pm PAGE 1
```

```
-----
0 Routine checked, 0 failed.
```

```
PACKAGE: TIU*1.0*265 Dec 11, 2012 2:04 pm PAGE 1
```

```
1 Routine checked, 0 failed.
```

```
PACKAGE: DG*5.3*849 Dec 11, 2012 2:04 pm PAGE 1
```

```
-----
DG53849P Calculated 7093789
DGPFCNR Calculated 62901548
DGPFCNV Calculated 95099109
```

```
3 Routines checked, 0 failed.
```

```
PACKAGE: SD*5.3*588 Dec 11, 2012 2:04 pm PAGE 1
```

```
-----
SD53588P Calculated 6953359
SDAMQ Calculated 9860749
SDMHAD Calculated 116008938
SDMHAD1 Calculated 108729141
SDMHAP Calculated 89393379
SDMHAP1 Calculated 16336515
SDMHNS Calculated 22141437
SDMHNS1 Calculated 101585316
SDMHPRO Calculated 15994772
SDMHPRO1 Calculated 19699190
```

```
10 Routines checked, 0 failed.
```

```
PACKAGE: GMTS*2.7*104 Dec 11, 2012 2:04 pm PAGE 1
```

```
-----
GMTSMHRF Calculated 7698174
GMTSMHTC Calculated 7727408
GMTSY104 Calculated 9611824
```

```
3 Routines checked, 0 failed.
```

```
PACKAGE: OR*3.0*348 Dec 11, 2012 2:04 pm PAGE 1
```

```
-----
ORB3 Calculated 97635419
```

Supplemental Data

```
ORB3SPEC   Calculated   93913902
ORBINPTR   Calculated    1813250
ORBPRCHK   Calculated   32589157
ORY348     Calculated   13557254
```

5 Routines checked, 0 failed.

```
PACKAGE: PXR*2.0*24      Dec 11, 2012 2:04 pm      PAGE 1
```

```
-----
PXR        Calculated   37992293
PXRMCDEF   Calculated   2284758
PXRMDATE   Calculated   69746461
PXRMEEDT   Calculated   86390747
PXRMEDEV   Calculated   78211075
PXRMDUTL   Calculated    9494253
PXRMEEFI   Calculated   53496841
PXRMEEXIC  Calculated   80167234
PXRMEEXID  Calculated   65987316
PXRMEEXIU  Calculated   66069083
PXRMEEXLM  Calculated   46743705
PXRMEEXPS  Calculated  192149462
PXRMEEXSI  Calculated   40410891
PXRMEFF    Calculated   65126590
PXRMECHK   Calculated  132138736
PXRMLOCF   Calculated   95753792
PXRMLPOE   Calculated  14864405
PXRMMSER   Calculated  106782052
PXRMNTRY   Calculated    3662059
PXRMP24E   Calculated    2321342
PXRMP24E   Calculated  11797305
PXRMPDEM   Calculated   65842415
PXRMPINF   Calculated    8130614
PXRMRDI    Calculated   38535019
PXRMSCR    Calculated    88295
PXRMTAX    Calculated   65791721
PXRMTIL    Calculated  113964494
PXRMSVIT   Calculated   10650656
PXRMSXQUE  Calculated   12328074
```

29 Routines checked, 0 failed.

Installation/Technical Summary of DG*5.3*849

This includes a new DG patch implementing a new National Patient Record Flag, HIGH RISK FOR SUICIDE.

Installs a new High Risk For Suicide National, Category I Patient Record Flag and links it to a new TIU note title High Risk for Suicide.

Installs a new Mail Group and a menu option to assist SPC/MH professionals in managing the auto-creation of a patient's national HIGH RISK FOR SUICIDE PRF based on an existing Local High Risk for Suicide PRF.

This patch transmits the patient's new National, Category I High Risk For Suicide PRF to other known treating facilities using existing PRF HL7 messaging functionality.

Basic Requirements of Auto-creating National PRF entries

Local flag MUST BE currently active.

Local flag information will be pulled into the new National flag at creation.

Comment updated to reflect auto-created information.

If there is an issue with generating a National flag:

- No National flag is created
- Local flag remains intact
- Error report will be generated.

Patch Components

Example: A National Patient Record Flag will be exported to sites: HIGH RISK FOR SUICIDE as shown below.

```

NAME:                HIGH RISK FOR SUICIDE
STATUS:              ACTIVE
TYPE:                CLINICAL
REVIEW FREQUENCY DAYS: 90
NOTIFICATION DAYS:   30
REVIEW MAIL GROUP:   DGPF CLINICAL HR FLAG REVIEW
TIU PN TITLE:        PATIENT RECORD FLAG CATEGORY I - HIGH RISK FOR SUICIDE
DESCRIPTION:

The purpose of this National Patient Record Flag is to alert Veterans Health
Administration (VHA) Mental Health Staff of patients who have a high risk for
suicide that may pose a threat to themselves.  This is a nationally
distributed flag.

```

A menu option will be created with the menu name [DGPF LOCAL TO NATIONAL CONVERT] to convert Local HRMH PRF to a National PRF.

A Mail Group, DGPF CLINICAL HR FLAG REVIEW is added.

Patch Checklist

During patch install, sites are prompted to enter the coordinator for the new DGPf CLINICAL HR FLAG REVIEW mail group and to add members to the mail group as required (SPC/MH professional).

IRM assigns the menu option menu DGPf LOCAL TO NATIONAL CONVERT to the appropriate user's menu options (SPC/MH professional). This new functionality permits them to convert all Local HRMH PRF to the National Option.

Processing in two Modes has been added, including a pre-processing report only. This option can be run in a report-only mode that provides a report concerning which actions the local-to-national processing should perform. Enter 'R' to run the Report Only mode, or 'P' to begin the local-to-national PRF processing.



NOTE: Do not run this option in the Processing mode. THE DEFAULT VALUE FOR THIS OPTION IS "R" REPORT ONLY MODE.

The actual conversion (P option) should only be run after notification from the national Office of Mental Health Services (30 days after the package release), to minimize transmission error messages among sites with shared patients. These errors occur when one of these sites has installed and runs the conversion, but another site that sees the same patient hasn't installed the software.

Processing Checks

The software will do some processing checks:

- Checks for a valid DFN
- Checks for a National ICN
- Checks to make sure the National PRF is not already assigned
- Checks that the two Mailman reports are generated (generate a Summary Report and that you can generate a National PRF Generation Report).

Example: Summary Report Sample

Subj: Pre-report National Flag Create 5/9/12@14:56 [#129309] 05/09/12@14:56
47 lines

From: HRMH PRF GENERATE JOB In 'IN' basket. Page 1 Priority!

Pre-scan summary from Local to National flag processing job

Run date: May 09, 2012@14:56:52

Started by: DGDEVELOPER, ONE

Summary of PRF Processing:

Total active Cat II flag assignments:	12
Cat I flags created:	5
Potential errors Found:	5
Cat II flags requiring manual action:	0
Found active Cat I and Cat II flags:	2

A Processing Summary Report Sample

Processing Results:

Invalid DFN's or Patient File errors

No DFN errors were found

Patients with Local ICN (National ICN Required)

Name	Local ICN
TEST (3311)	5000000328V551909
DGPATIENT, ONE (0000)	-1^NO MPI NODE
TESTAGAIN, ONE (0000)	5000000367V135883
TESTBETA, ONE (0000)	5000000397V914217
TESTPATIENT, ONE (0000)	5000000415V281270

Additional Summary

National Flag assigned and Local still active

Name	CMOR	Owning Site
MHPATIENT, FIVE (0000)	CASTLE POINT, NY	ALBANY.VA.GOV
MHPATIENT, FOUR (0000)	NO CMOR DEFINED FOR PT	ALBANY.VA.GOV

Patients flagged for manual processing

Name	CMOR	Description
------	------	-------------

No records needing manual intervention found

Other Errors which may have prevented conversion

Name	Description
------	-------------

No other errors found

A Report of Flag Creation

Subj: Pre-report National Flag Create 5/9/12@14:56 [#129310] 05/09/12@14:56
9 lines

From: HRMH PRF GENERATE JOB In 'IN' basket. Age 1 Priority!

Pre-scan results from Local to National flag processing job

Run date: May 09, 2012@14:56:52

Started by: DGDEVELOPER,TWO

List of patients that will have a Cat 1 flag created

Name	Owning Site
------	-------------

MHPATIENT, ONE (XXXX) ALBANY.VA.GOV

MHPATIENT, TWO (XXXX) ALBANY.VA.GOV

MHPATIENT, THREE (XXXX) ALBANY.VA.GOV

MHPATIENT, FOUR (XXXX) ALBANY.VA.GOV

MHPATIENT, FIVE (XXXX) ALBANY.VA.GOV

Generation of National Flag

Review date is set as follows:

If the Review date is more than 90 days from the last action date, the national review date will be set to the Last Action Date + 90 days, otherwise the review date is carried over.

The existing Local PRF assignment and history information is retrieved and a National PRF is generated using the following retrieved information:

- Originating Site = Current VA Site
- Review date = Local Review date + 90 days
- Assign date = "NOW".

An ORU~R01 message is transmitted to all sites in the associated patient's TREATING FACILITY LIST file and the existing Local PRF is inactivated.

Example: Local PRF

```

Local PRF Assignment Entry
PATIENT NAME: TESTING,DGPATIENT, ONE
FLAG NAME: HIGH RISK FOR SUICIDE          STATUS: INACTIVE
OWNER SITE: ALBANY.VA.GOV                 ORIGINATING SITE: ALBANY.VA.GOV
ASSIGNMENT NARRATIVE:
TESTING FOR CONVERSION PROCESSING
Local PRF Assignment History Entry
PRF ASSIGNMENT: TESTING,EZ
DATE/TIME: FEB 01, 2012@15:23:55        ACTION: INACTIVATE
ENTERED BY: DGDEVELOPER, ONE APPROVED BY: DGDEVELOPER, TWO
HISTORY COMMENTS:
This local PRF entry was inactivated by the 'Convert Local HRMH PRF to
National' option run on Feb 01, 2012@15:23:55 by DEVELOPER,ONE. A new
national HIGH RISK FOR SUICIDE PRF was created using the information found in
this local PRF entry.

```

Example: National PRF


```

National PRF Assignment Entry
PATIENT NAME: TESTING,EZ
FLAG NAME: HIGH RISK FOR SUICIDE          STATUS: ACTIVE
OWNER SITE: ALBANY.VA.GOV                 ORIGINATING SITE: ALBANY.VA.GOV
REVIEW DATE: MAR 21, 2012
ASSIGNMENT NARRATIVE:
This national PRF entry was auto-created on Feb 01, 2012@15:23:55, by the
Convert Local HRMH PRF to National' option, run by MHDEVELOPER,ONE. The
fields are based on the local PRF HIGH RISK FOR SUICIDE which was inactivated
by the auto conversion.
National PRF Assignment History Entry
PRF ASSIGNMENT: MHPATIENT, ONE
DATE/TIME: FEB 01, 2012@15:23:55        ACTION: NEW ASSIGNMENT
ENTERED BY: MHPROVIDER, ONE             APPROVED BY: MHPROVIDER, TWO
HISTORY COMMENTS:
New assignment for national PRF entry auto-created on Feb 01, 2012@15:23:55,
by the 'Convert Local HRMH PRF to National' option.

```

Updated PRF Narratives

OPTIONS	DESCRIPTIONS
Narrative Text For National PRF Assignment Created By Auto-Conversion	This national PRF entry was auto-created on <DT>, by the 'Convert Local HRMH PRF to National' option, run by <USER>. The fields are based on the local PRF <FLAG> which was inactivated by the auto conversion.
Narrative For The Inactivated Local PRF Assignment History	This local PRF entry was inactivated by the 'Convert Local HRMH PRF to National' option run on <DT> by <USER>. A new national HIGH RISK FOR SUICIDE PRF was created using the information in this local PRF entry
Inactivated Local Assignment History Text For National Conversion At Another Site	Since a national HIGH RISK FOR SUICIDE PRF entry has been activated by another site in VistA, this local PRF entry was inactivated by the 'Convert Local HRMH PRF to National' option, run on <DT> by <USER>.
Assignment History Narrative For New National PRF	New assignment for national PRF entry auto-created on <DT>, by the 'Convert Local HRMH PRF to National' option.

	<p>NOTE: Please note that values between “<” and “>” in the narratives are placeholders and will be replaced with an actual value at run time.</p>
---	---

Example: First-Time Installation**NOTE:** We highly recommend that you not queue the install.

```

Select Installation <TEST ACCOUNT> Option: Load a Distribution
Enter a Host File: USER$:[ANONYMOUS]HIGH_RISK_MH_2_0_T9.KID

KIDS Distribution saved on Dec 07, 2012@10:16:34
Comment: High Risk Mental Health phase 2

This Distribution contains Transport Globals for the following Package(s):
HIGH RISK MH 2.0
TIU*1.0*265
DG*5.3*849
SD*5.3*588
GMTS*2.7*104
OR*3.0*348
PXR*2.0*24
Distribution OK!

Want to Continue with Load? YES//
Loading Distribution...

HIGH RISK MH 2.0
TIU*1.0*265
DG*5.3*849
SD*5.3*588

Build GMTS*2.7*104 has an Environmental Check Routine
Want to RUN the Environment Check Routine? YES//
GMTS*2.7*104
Will first run the Environment Check Routine, GMTSY104

CHECKING RECENT ADDITIONS TO HEALTH SUMMARY COMPONENT FILE
Medication Worksheet (Tool #2): OK
MAS CONTACTS: OK
MAS MH CLINIC VISITS FUTURE: OK
MH HIGH RISK PRF HX: OK
MH TREATMENT COORDINATOR: OK
OR*3.0*348
PXR*2.0*24
Use INSTALL NAME: HIGH RISK MH 2.0 to install this Distribution.

Select Installation <TEST ACCOUNT> Option: BACKup a Transport Global
Select INSTALL NAME: HIGH RISK MH 2.0      2/25/13@14:36:41
=> High Risk Mental Health phase 2 ;Created on Dec 07, 2012@10:16:34

This Distribution was loaded on Feb 25, 2013@14:36:41 with header of
High Risk Mental Health phase 2 ;Created on Dec 07, 2012@10:16:34
It consisted of the following Install(s):
HIGH RISK MH 2.0    TIU*1.0*265    DG*5.3*849    SD*5.3*588    GMTS*2.7*104
OR*3.0*348    PXR*2.0*24

Subject: Backup of HIGH RISK MH 2.0 install on Feb 25, 2013
Replace

```

Supplemental Data

```
Loading Routines for HIGH RISK MH 2.0.
Routine PXRMP24I is not on the disk..
Loading Routines for TIU*1.0*265.
Routine TIUPS265 is not on the disk..
Loading Routines for DG*5.3*849
Routine DG53849P is not on the disk..
Routine DGPFCNR is not on the disk..
Routine DGPFCNV is not on the disk..
Loading Routines for SD*5.3*588
Routine SD53588P is not on the disk.....
Routine SDMHAP is not on the disk..
Routine SDMHAP1 is not on the disk....
Routine SDMHPRO is not on the disk..
Routine SDMHPRO1 is not on the disk..
Loading Routines for GMTS*2.7*104...
Loading Routines for OR*3.0*348..
Routine ORBINPTR is not on the disk...
Routine ORY348 is not on the disk..
Loading Routines for PXR*2.0*24.....
Routine PXRMDUTL is not on the disk.....
Routine PXRMNTRY is not on the disk..
Routine PXRMP24E is not on the disk..
Routine PXRMP24I is not on the disk.....
Routine PXRMSCR is not on the disk.....
Send mail to: CRUSER, SIX// CRUSER, SIX
Select basket to send to: IN// PATCH TEST
And Send to:

Select Installation <TEST ACCOUNT> Option: COMPARE Transport Global to
Current System
Select INSTALL NAME: HIGH RISK MH 2.0 2/25/13@14:36:41
=> High Risk Mental Health phase 2 ;Created on Dec 07, 2012@10:16:34

This Distribution was loaded on Feb 25, 2013@14:36:41 with header of
High Risk Mental Health phase 2 ;Created on Dec 07, 2012@10:16:34
It consisted of the following Install(s):
HIGH RISK MH 2.0 TIU*1.0*265 DG*5.3*849 SD*5.3*588 GMTS*2.7*104
OR*3.0*348 PXR*2.0*24

Select one of the following:
1 Full Comparison
2 Second line of Routines only
3 Routines only
4 Old style Routine compare

Type of Compare: 1 Full Comparison
DEVICE: HOME// P

1 P-LAB-MESSAGE-HFS HFS FILE
2 P-MESSAGE-HFS (VXD) HFS FILE => MESSAGE
3 P-RESMON IRM
4 PACS1$PRT COMPRESSED RADIOLOGY
5 PACS1$PRT LANDSCAPE RADIOLOGY
6 PACS1$PRT STANDARD RADIOLOGY
7 PACS2$PRT COMPRESSED A208E
8 PACS2$PRT STANDARD A208E
9 PBOWES BRWCALL BRW MAIL ROOM
```

```

10 PBOWES BRWPREAPPT   BRW MAIL ROOM
Type '^' to Stop, or
Choose 1-10> 2  P-MESSAGE-HFS (VXD)  HFS FILE => MESSAGE
Subject: HIGH RISK MH 2.0 COMPARE

      Select one of the following:

          M          Me
          P          Postmaster

From whom: Me//
Send mail to: CRUSER, SIX //  CRUSER, SIX
Select basket to send to: IN// PATCH TEST
And Send to:

Moving to MailMan message...
.....
Finished moving.
Sending [8150]...
  Sent

Select Installation <TEST ACCOUNT> Option: VERify Checksums in Transport
Global
Select INSTALL NAME:      HIGH RISK MH 2.0      2/25/13@14:36:41
=> High Risk Mental Health phase 2 ;Created on Dec 07, 2012@10:16:34

This Distribution was loaded on Feb 25, 2013@14:36:41 with header of
High Risk Mental Health phase 2 ;Created on Dec 07, 2012@10:16:34
It consisted of the following Install(s):
HIGH RISK MH 2.0      TIU*1.0*265      DG*5.3*849      SD*5.3*588      GMTS*2.7*104
OR*3.0*348      PXRMP*2.0*24

Want each Routine Listed with Checksums: Yes//  YES
DEVICE: HOME//  SSH

PACKAGE: HIGH RISK MH 2.0      Feb 25, 2013 2:38 pm      PAGE 1

GMTSY104  Calculated      9611824
PXRMP24I  Calculated      14301202

      2 Routines checked, 0 failed.

PACKAGE: TIU*1.0*265      Feb 25, 2013 2:38 pm      PAGE 1
-----

TIULO1    Calculated      21084404
TIUPS265  Calculated      9608303

      2 Routines checked, 0 failed.

PACKAGE: DG*5.3*849      Feb 25, 2013 2:38 pm      PAGE 1
-----

```

Supplemental Data

DG53849P	Calculated	7093789
DGPFCNR	Calculated	62901548
DGPFCNV	Calculated	95099109

3 Routines checked, 0 failed.

PACKAGE: SD*5.3*588 Feb 25, 2013 2:38 pm PAGE 1

SD53588P	Calculated	6953359
SDAMQ	Calculated	9860749
SDMHAD	Calculated	116008938
SDMHAD1	Calculated	108729141
SDMHAP	Calculated	89393379
SDMHAP1	Calculated	16336515
SDMHNS	Calculated	22141437
SDMHNS1	Calculated	101585316
SDMHPRO	Calculated	15994772
SDMHPRO1	Calculated	19699190

10 Routines checked, 0 failed.

PACKAGE: GMTS*2.7*104 Feb 25, 2013 2:38 pm PAGE 1

GMTSMHRF	Calculated	7698174
GMTSMHTC	Calculated	7727408
GMTSY104	Calculated	9611824

3 Routines checked, 0 failed.

PACKAGE: OR*3.0*348 Feb 25, 2013 2:38 pm PAGE 1

ORB3	Calculated	97635419
ORB3SPEC	Calculated	93913902
ORBINPTR	Calculated	1813250
ORBPRCHK	Calculated	32589157
ORY348	Calculated	13557254

5 Routines checked, 0 failed.

PACKAGE: PXR*2.0*24 Feb 25, 2013 2:38 pm PAGE 1

PXRM	Calculated	37992293
PXRMCDEF	Calculated	2284758
PXRMDATE	Calculated	69746461
PXRMD EDT	Calculated	86390747
PXRMD DEV	Calculated	78211075
PXRMDUTL	Calculated	9494253
PXRME XFI	Calculated	53496841
PXRME XIC	Calculated	80167234
PXRME XID	Calculated	65987316
PXRME XIU	Calculated	66069083
PXRME XLM	Calculated	46743705
PXRME XPS	Calculated	192149462
PXRME XSI	Calculated	40410891

Supplemental Data

Enter the Coordinator for Mail Group 'DGPf CLINICAL HR FLAG REVIEW': Enter Name Here

L DC 11CI CLINICAL APPLICATIONS COORD

Want KIDS to Rebuild Menu Trees Upon Completion of Install? NO//

Checking Install for Package SD*5.3*588

Install Questions for SD*5.3*588

Want KIDS to Rebuild Menu Trees Upon Completion of Install? NO//

Checking Install for Package GMTS*2.7*104

Will first run the Environment Check Routine, GMTSY104

CHECKING RECENT ADDITIONS TO HEALTH SUMMARY COMPONENT FILE

Medication Worksheet (Tool #2): OK

MAS CONTACTS: OK

MAS MH CLINIC VISITS FUTURE: OK

MH HIGH RISK PRF HX: OK

MH TREATMENT COORDINATOR: OK

Install Questions for GMTS*2.7*104

Checking Install for Package OR*3.0*348

Install Questions for OR*3.0*348

Incoming Files:

100.9 OE/RR NOTIFICATIONS

Note: You already have the 'OE/RR NOTIFICATIONS' File.

Checking Install for Package PXRm*2.0*24

Install Questions for PXRm*2.0*24

Incoming Files:

811.4 REMINDER COMPUTED FINDINGS (including data)

Note: You already have the 'REMINDER COMPUTED FINDINGS' File.

I will REPLACE your data with mine.

811.8 REMINDER EXCHANGE (including data)

Note: You already have the 'REMINDER EXCHANGE' File.

I will OVERWRITE your data with mine.

```
Want KIDS to INHIBIT LOGONs during the install? NO//
Want to DISABLE Scheduled Options, Menu Options, and Protocols? NO//

Enter the Device you want to print the Install messages.
You can queue the install by enter a 'Q' at the device prompt.
Enter a '^' to abort the install.

DEVICE: HOME// 0;80;99999  SSH

  Install Started for HIGH RISK MH 2.0 :
      Feb 25, 2013@14:47:35

Build Distribution Date: Dec 07, 2012

  Installing Routines:
      Feb 25, 2013@14:47:35

  Running Pre-Install Routine: MPBPRES^PXRMP24I

  Install Started for TIU*1.0*265 :
      Feb 25, 2013@14:47:35

Build Distribution Date: Dec 07, 2012

  Installing Routines:
      Feb 25, 2013@14:47:35

  Installing PACKAGE COMPONENTS:

  Installing PARAMETER DEFINITION
      Feb 25, 2013@14:47:36

  Running Post-Install Routine: ^TIUPS265

    Title Created: PATIENT RECORD FLAG CATEGORY I - HIGH RISK FOR SUICIDE

    Title attached to Document Class PATIENT RECORD FLAG CAT I

  Updating Routine file...

  Updating KIDS files...

  TIU*1.0*265 Installed.
      Feb 25, 2013@14:47:36

  Not a production UCI

  NO Install Message sent

  Install Started for DG*5.3*849 :
      Feb 25, 2013@14:47:36

Build Distribution Date: Dec 07, 2012

  Installing Routines:
      Feb 25, 2013@14:47:36
```

Supplemental Data

```
Installing PACKAGE COMPONENTS:
Installing MAIL GROUP
Installing OPTION
      Feb 25, 2013@14:47:36
Running Post-Install Routine: ^DG53849P
Installing new national PRF entry
Installation of new national PRF entry complete
Updating Routine file...
Updating KIDS files...
DG*5.3*849 Installed.
      Feb 25, 2013@14:47:36
Not a production UCI
NO Install Message sent
Install Started for SD*5.3*588 :
      Feb 25, 2013@14:47:36
Build Distribution Date: Dec 07, 2012
Installing Routines:
      Feb 25, 2013@14:47:36
Installing PACKAGE COMPONENTS:
Installing OPTION
Installing PARAMETER DEFINITION
      Feb 25, 2013@14:47:36
Running Post-Install Routine: ^SD53588P
Updating Parameters File...
SDMH PROACTIVE DAYS
      89895006^Duplicate instance not allowed.
SDMH NO SHOW DAYS
      89895006^Duplicate instance not allowed.
Updating Routine file...
Updating KIDS files...
SD*5.3*588 Installed.
```

```
Feb 25, 2013@14:47:36

Not a production UCI

NO Install Message sent

Install Started for GMTS*2.7*104 :
    Feb 25, 2013@14:47:36

Build Distribution Date: Dec 07, 2012

Installing Routines:
    Feb 25, 2013@14:47:36

Running Post-Install Routine: POST^GMTSY104

Updating description for Health Summary Component MH HIGH RISK FOR SUICIDE

    Update Successful

Updating Routine file...

Updating KIDS files...

GMTS*2.7*104 Installed.
    Feb 25, 2013@14:47:37

Not a production UCI

NO Install Message sent

Install Started for OR*3.0*348 :
    Feb 25, 2013@14:47:37

Build Distribution Date: Dec 07, 2012

Installing Routines:
    Feb 25, 2013@14:47:37

Installing Data Dictionaries:
    Feb 25, 2013@14:47:37

Installing PACKAGE COMPONENTS:

Installing PARAMETER DEFINITION
    Feb 25, 2013@14:47:37

Running Post-Install Routine: POST^ORY348

Updating Routine file...

Updating KIDS files...

OR*3.0*348 Installed.
    Feb 25, 2013@14:47:37

Not a production UCI
```

Supplemental Data

NO Install Message sent

Install Started for PXRMP2.0*24 :
Feb 25, 2013@14:47:37

Build Distribution Date: Dec 07, 2012

Installing Routines:
Feb 25, 2013@14:47:38

Running Pre-Install Routine: PRE^PXRMP24I

DISABLE options.

DISABLE protocols.

Installing Data Dictionaries:
Feb 25, 2013@14:47:38

Installing Data:
Feb 25, 2013@14:47:38

Running Post-Install Routine: POST^PXRMP24I

ENABLE options.

ENABLE protocols.

There are 5 Reminder Exchange entries to be installed.

1. Installing Reminder Exchange entry VA-MH NO SHOW APPT CLINICS LL
2. Installing Reminder Exchange entry VA-MHTC APPT STOP CODES AND EXCLUSION STOP
3. Installing Reminder Exchange entry VA-MH HIGH RISK NO-SHOW FOLLOW-UP
4. Installing Reminder Exchange entry VA-MH HIGH RISK NO-SHOW ADHOC RPT
5. Installing Reminder Exchange entry VA-MHTC NEEDS ASSIGNMENT

Renaming/inactivating health factors and terms that are no longer used.

Updating Routine file...

Updating KIDS files...

PXRMP2.0*24 Installed.
Feb 25, 2013@14:47:59

Not a production UCI

NO Install Message sent

Running Post-Install Routine: POST^GMTSY104

Updating description for Health Summary Component MH HIGH RISK FOR SUICIDE
Update Successful

Updating Routine file...

Updating KIDS files...

HIGH RISK MH 2.0 Installed.
Feb 25, 2013@14:47:59

No link to PACKAGE file

PXRM*2.0*24

Install Completed

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Glossary

TERM	DEFINITION
AIMS	Abnormal Involuntary Movement Scale
AITC	Austin Information Technology Center
API	Application Programmer Interface.
ASU	Authorization/Subscription Utility
Clin4	National Customer Support team that supports Clinical Reminders
CPRS	Computerized Patient Record System
DBA	Database Administration
DG	Registration and Enrollment Package namespace
ESM	Enterprise Systems Management (ESM)
FIM	Functional Independence Measure
GMTS	Health Summary namespace (also HSUM)
GUI	Graphic User Interface
HRMH/HRMHP	High Risk Mental Health Patient
IAB	Initial Assessment & Briefing
ICD-10	International Classification of Diseases, 10th Edition
ICR	Internal Control Number
IOC	Initial Operating Capabilities
LSSD	Last Service Separation Date
MDD	Major Depressive disorder
MH	Mental Health
MHTC	Mental Health Treatment Coordinator

Glossary

TERM	DEFINITION
OHI	Office of Health Information
OI	Office of Information
OIF/OEF	Operation Iraqi Freedom/Operation Enduring Freedom
OIT/OI&T	Office of Information Technology
OMHS	Office of Mental Health Services
ORR	Operational Readiness Review
PCS	Patient Care Services
PD	Product Development
PIMS	Patient Information Management System
PMAS	Program Management Accountability System
PTM	Patch Tracker Message
PXRM	Clinical Reminder Package namespace
RSD	Requirements Specification Document
SD	Scheduling Package Namespace
SQA	Software Quality Assurance
USR	ASU package namespace
VA	Department of Veteran Affairs
VHA	Veterans Health Administration
VISN	Veterans Integrated Service Network
VistA	Veterans Health Information System and Technology Architecture