

THE INDIAN HEALTH SERVICE

EHR Patch Updates

Office Hours

TIU v1.0 p1010



What's new, What's changed

Superior Health Information Management
Now and for the Future

IHS-Office of Information Technology
EHR Program

Office Hour Presenters

- CDR Susan Pierce-Richards, ARNP, OIT EHR Project Lead
- CDR Mary Ann Niesen, PharmD, OIT Pharmacy Consultant
- Barbara Hess, DHA, OIT EHR Project analyst

Agenda

- Introduction
- Presenters
 - Office Hour Presenters have different specialties within the EHR system who will be responding to your questions
- Questions/Answers
 - Please do not put your phone “On Hold” during the conference call
 - “Raise your hand” through the Adobe Connect features provided
 - Please state your name/site
 - Please state your question clearly
 - Please keep background noise to a minimum to better hear the questions/answers

CONTENTS OF PATCH

Content of patch

Mega patch that contains VA software as infrastructure necessary for CPRS 27 upgrade contained in EHRp11

- TIU*1.0*157
- TIU*1.0*180
- TIU*1.0*193
- TIU*1.0*192
- TIU*1.0*182
- TIU*1.0*197
- TIU*1.0*186
- TIU*1.0*194
- TIU*1.0*191
- TIU*1.0*198
- TIU*1.0*203
- TIU*1.0*206
- TIU*1.0*201
- TIU*1.0*212
- TIU*1.0*189
- TIU*1.0*209
- TIU*1.0*202
- TIU*1.0*184
- TIU*1.0*207
- TIU*1.0*199
- TIU*1.0*218
- TIU*1.0*204
- TIU*1.0*208
- TIU*1.0*214
- TIU*1.0*220
- TIU*1.0*210
- TIU*1.0*219
- TIU*1.0*1010 <<< IHS Modifications

TIU Objects - Updated

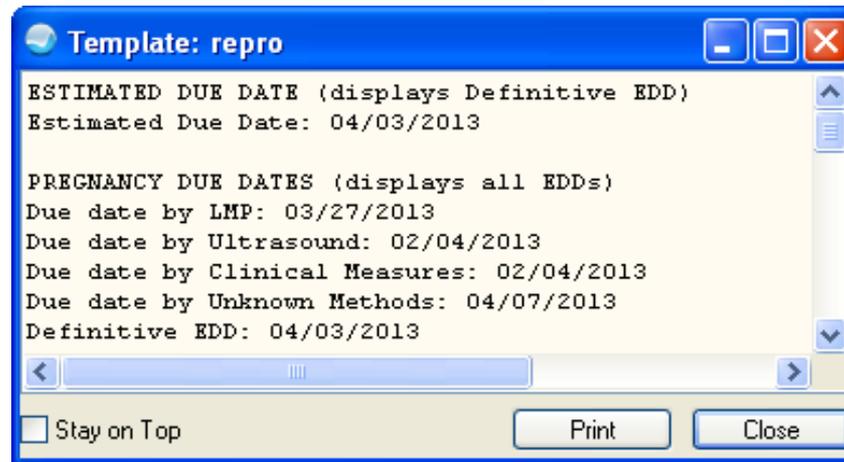
REPRODUCTIVE HX2-BRIEF	Fixed bug in lactation field
REPRODUCTIVE HX2-EXPANDED	
Vital measurement objects	Display vital qualifiers
Medication objects	D/C'ed duplicates of active meds will not display
Lab objects	Fixed sorting on Last # Lab objects

TIU Objects - New

Object	Display
ESTIMATED DUE DATE	Definitive EDD
PREGNANCY DUE DATE	All EDDs
PRENATAL PIP ALL NOTES	Displays all active prenatal problems and all care plan notes across all pregnancies
PRENATAL PIP CURRENT NOTES	Displays all active Pregnancy Issues and Problems and all care plan notes for current pregnancy
PPRENATAL PIP MOST RECENT NOTES [new, not named yet]	Displays all active Pregnancy Issues and Problems and displays the notes from the most recent visit
PRENATAL PIP LATEST NOTE	Displays the Pregnancy Issues and Problems used as POV and the associated care plan notes for the most recent visit.
PHN DATA	Displays most recent PHN Level of Intervention data
EYEGLASS RX *** will not work until EHRp11 is installed	Displays the most recent V Eyeglass data
V MEDS FOR PHARMACIST	This displays only meds processed by in house pharmacy on that visit – so if 3 meds were ordered with pickup location of “window” and 2 with “outside rx – print” only the 3 with pick up location of “window” will display in the object AFTER processing by pharmacy

TIU object examples

Due Dates



TIU object examples

Pregnancy Issues and Problem List

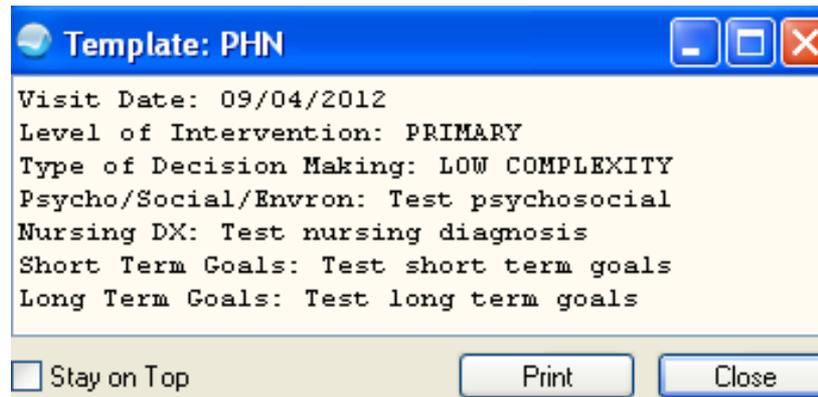
- 1) Antenatal care: primiparous, under 17 years|
(Entered 8/7/12 by RICHARDS,SUSAN P)
*8/22/12 by RICHARDS,SUSAN P - This is a test of entering care plan notes.

- 2) Fetus affected by breech delivery|
(Entered 8/7/12 by RICHARDS,SUSAN P)

- 3) Diabetes mellitus in mother complicating pregnancy, childbirth
AND/OR
puerperium| Pre pregnancy A1C 8.5%
(Entered 8/7/12 by RICHARDS,SUSAN P)
*8/22/12 by RICHARDS,SUSAN P - More testing of entering care plan notes.
Continue basal and sliding scale insulin.

TIU object examples

PHN



Template: PHN

Visit Date: 09/04/2012
Level of Intervention: PRIMARY
Type of Decision Making: LOW COMPLEXITY
Psycho/Social/Environ: Test psychosocial
Nursing DX: Test nursing diagnosis
Short Term Goals: Test short term goals
Long Term Goals: Test long term goals

Stay on Top

Print Close

TIU object examples

Eyeglass

Template: test other objects

5300 HOMESTEAD
ALBUQUERQUE OKLAHOMA 87110-1234

Patient: _____ Date: AUG 29, 2012@09:33
Expiration: _____

	SPHERE	CYL	AXIS	NEAR ADD	PRISM HZ	PRISM VT
OD	-4.00	-1.00	180	2.00	1BU	1BU
OS	-4.00	-1.00	90	2.00	1BU	1BU

Pupil Distance

NEAR	DISTANCE	R PUPIL	L PUPIL
40	50	30	30

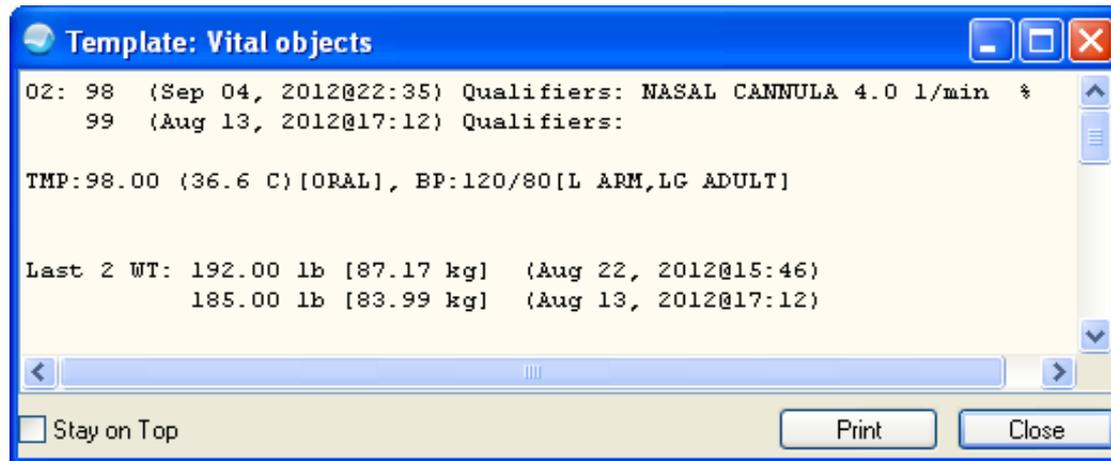
Instructions
Distance Only

This is a test

Provider: Susan Pierce-Richards, ARNP

TIU object examples

Measurements with qualifiers



FIXES/ENHANCEMENTS FROM VA PATCHES

Enhancement/Fix	
Co-signer	<p>-Missing expected cosigner report BEH>TIU>HIS>HIMS>COS Most systems will have none, but it will list TIU documents with a status of “Uncosigned” and yet the “Expected Cosigner” field is null</p> <p>It can be set up to run in Taskman nightly. The nightly job will send the results to the newly created Mail Group TIU MIS ALERTS if any problem notes are found.</p> <p>-New business rule allows specified user class to reassign cosigner (site has to set up if wishes to use) An UNCOSIGNED (CLASS) PROGRESS NOTE may HAVE ITS COSIGNER EDITED by a CHIEF, MIS</p> <p>Accessed by “hidden” menu “EC – Edit Cosigner” in the SSD Search Selected Documents menu. This can be used to assign a cosigner if missing</p>
Loss of notes	<p>- The loss of both the original and edited text could occur when there was a timeout between the EHR and the RPMS server or a temporary loss of connectivity between the server and client.</p> <p>- TIU will now preserve the original note text (stored in the "TEXT" node of the document) throughout the entire edit process until the CPRS GUI has confirmed and sent all the text data to TIU. In the event of a timeout or lost connection, TIU will maintain the "TEXT" node ensuring the original document remains intact.</p>

Enhancement/Fix

TIU add'l signature

- New parameters to allow sites to regenerate overdue additional signature alerts. START OF ADD SGNR ALERT PERIOD and END OF ADD SGNR ALERT PERIOD were added to BEH>TIU>HIS>TMM>TPM>Basic TIU Parameters
- New Unsigned Additional Signature report BEH>TIU>HIS>ADD
- New business rule allows surrogates to “additionally sign” for user (site has to set up if wishes to use)
 - A COMPLETED (CLASS or TITLE) “Any Class or Title” may BE SIGNED by a SURROGATE
 - *** Make sure all of your clinical users have populated the “Signature block printed name” field in the Electronic Signature
- Signed By Surrogate menu option BEH>TIU>HIS>TMM>TAT TIU Alert Tools – allows search and display of completed documents by additional signer. Can identify additional signers as well.

Enhancement/Fix	
Document Definition delete	<p>- If the Document Definition is deleted, the user will receive the following message: You are about to lose the document parameters for "Document Definition" Do you wish to continue? NO//</p> <p>- If the answer is No, the routine will exit the option. - If the answer is Yes, it will allow the user to edit or delete the document definition since they have been warned.</p>
New note titles	<p>- Disclosure of Adverse Event Note (VA National Note)</p>
Truncates display of long surnames of note authors	<p>- Truncates author's name so there will be 2 characters between their name and the EXP COSIGNER field</p>
Discharge summaries	<p>- Users who themselves require co-signature may NOT be selected as attending for Discharge Summaries</p>

Enhancement/Fix	
TIU Signed/Unsigned progress notes	<ul style="list-style-type: none"> - TIU SIGNED/UNSIGNED PN – this will search and update TIU documents that have been signed but statuses display as unsigned BEH>TIU>HIS>HIMS>PN - TIU SIGNED PN UNSIGNED STATUS Nightly task searches for documents that have been signed but statuses stay unsigned. Sends a bulletin “TIU SIGNED/UNSIGNED DOCUMENTS” to individuals in the mail group “TIU SIGNED/UNSIGNED DOC”
TIU Active Title Clean up	<ul style="list-style-type: none"> - TIU ACTIVE TITLE CLEANUP – this is a report and clean up utility that will analyze the note titles in the TIU DOCUMENT DEFINITION file and automate a process to inactivate some TIU titles. BEH>TIU>HIS>TMM>CLN
Mark Document as “signed by surrogate”	<ul style="list-style-type: none"> - Mark Document as ‘Signed by Surrogate’ – this option searches for and resolves documents that have had a surrogate sign for the additional signer but is still sending alerts to the user. This should not be an issue in IHS since we are adding the software to allow surrogates to additionally sign and the fix to the problem. BEH>TIU>HIS>HIMS>SURR
TIU MISMATCHED ID NOTES	<ul style="list-style-type: none"> - Option will report and fix mismatched ID notes BEH>TIU>HIS>HIMS>ID

Enhancement/Fix	
Patient Record Flags	<ul style="list-style-type: none"> - Requires that every new PRF note is linked to a corresponding PRF Flag Assignment action - An action “link” has been added in the TIU List Manager that allows authorized users manually link an unlinked existing PRF note - Business rule to authorize this functionality in the TIU List Manger <ol style="list-style-type: none"> 1 A COMPLETED (DOCUMENT CLASS) PATIENT RECORD FLAG CAT II may BE LINKED to a PRF flag by a CHIEF, MIS 2 An UNSIGNED (DOCUMENT CLASS) PATIENT RECORD FLAG CAT II may BE LINKED to a PRF flag by an AUTHOR/DICTATOR <p>*** Full functionality will not be available until EHRp11 is released ***</p>

PATCH INSTALLATION

Installation Tips

1. **Installer must enter an existing Document Class under which the new note title “Disclosure of Adverse Event Note” will be placed**
 - If you want to install under a new Document Class then you must create that prior to patch installation
 - This is VA note title and not required for IHS to use, but you are required to install it
2. **Do not run post install option TIU182 Ddefs, Med Conversion**
 - IHS does not use clinical procedures
 - It will make unnecessary progress note titles

PATIENT RECORD FLAG SET UP

PRF Set Up

- Please refer to instructions in the patch documentation. This presentation provides a cursory outline and sequencing of steps.
- You must perform these steps or you cannot use Patient Record Flags.

PRF Set up

Step 1: Check to see if you have “Patient Record Flag Cat I and Cat II” note titles.

- **If not run the option “TIU165 DDEFS & RULES, PRF”**

TEHRA>D ^XUP

Option: TIU165 DDEFS & RULES, PRF

Step 2: Run post init routine from command line

POST^TIUPS184

PRF Set Up

Step 3: If you are a multi-division site set up parent facility in the institution file

Step 4: Assign keys for DGPF

Select Key Management Option: allocation of Security Keys

Allocate key:

- 1 DGPF ASSIGNMENT**
- 2 DGPF LOCAL FLAG EDIT**
- 3 DGPF MANAGER**
- 4 DGPF PRF ACCESS**
- 5 DGPF PRF CONFIG**
- 6 DGPF RECORD FLAG ASSIGNMENT**
- 7 DGPF TRANSMISSIONS (<--don't need this one)

PRF Set Up

Step 5: Verify your medical center division is enabled

- **Step 6: Create new note titles for your PRF**
 - make one note per flag under the appropriate document class and use naming convention:
PATIENT RECORD FLAG CATEGORY II – *FLAG NAME*

PRF Set Up

Step 7: Assign each PRF a note title

- Use “FM Record Flag Management” then Edit Flag

Select Record Flag: (1-3): **2**

Enter the Record Flag Name: PAIN CONTRACT// PAIN CONTRACT

Enter the Status of the Flag: ACTIVE// ACTIVE

Enter the Type of the Flag: CLINICAL// CLINICAL

Enter the Review Frequency Days: 180// 180

Enter the Notification Days: 30// 30

Enter the Review Mail Group: DGPF BEHAVIORAL FLAG REVIEW// DGPF
BEHAVIORAL FLAG
REVIEW

Enter the Progress Note Title: **PATIENT RECORD FLAG CATEGORY II – PAIN
CONTRACT** <--Type the name of the Note title you wish to use.

PRF Set Up

Step 8: Create business rules for Patient Record Flag Category I and II document classes using UCM4 menu option

- 1 A COMPLETED (DOCUMENT CLASS) PATIENT RECORD FLAG CAT II may BE LINKED to a PRF flag by a CHIEF, MIS
- 2 An UNSIGNED (DOCUMENT CLASS) PATIENT RECORD FLAG CAT II may BE LINKED to a PRF flag by an AUTHOR/DICTATOR

Step 9: Test to make sure you can now assign flags to patients (test patients)

PRF in EHRp11

- **EHRp11 will deliver the EHR side changes**
 - **After assigning PRF in RPMS, when selecting the note title in EHR, the user will be prompted to link the PRF**
 - **After completing the note, the note will display with the PRF detail from the CWAD component**