



RESOURCE AND PATIENT MANAGEMENT SYSTEM

VA Clinical Reminders

(PXRМ)

Addendum to Installation Notes

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March 27, 2012	Throughout	Updated link to PCC Health Maintenance Reminder Manual
March 27, 2012	Section 20.10, 20.11, 20.12	Added three new sections to the Common Install/Questions/Issues chapter
June 12, 2012	Section 17	Added fileman report instructions for active reminders

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Preface

This documentation applies to those reminders distributed in patch 1008 of clinical reminders.

1.0 Introduction

This guide was designed to supplement the patch installation notes and provide guidance in setting up the Clinical Reminders contained in the PXRM 1008 patch. We strongly recommend reviewing this entire document before installing and setting up the Clinical Reminders 1008 patch.

This guide is intended to be used by the following individuals who are responsible for installing, supporting, maintaining, and testing this package:

- Information Resources Management (IRM)
- Clinical Application Coordinator (CAC)

1.1 Clinical Reminders Resources

This guide is intended to be used by individuals who have previous experience with the Clinical Reminders. Additional and more comprehensive information related to Clinical Reminders can be found in the following locations:

PXRM 1008 installation notes, manuals, software can be downloaded here:

<http://www.ihs.gov/RPMS/index.cfm?module=home&option=index>

Reminder Managers Manual

A comprehensive guide to the Clinical Reminders application can be downloaded here:

ftp://ftp.ihs.gov/pubs/EHR/Training/Guides/EHR%20Reminders/EHR_Reminders_Guide.doc

Reminder course materials

<ftp://ftp.ihs.gov/pubs/EHR/Reminders/>

Clinical Reminders Document Library

Manuals, presentations, and other information related to Clinical Reminders can be downloaded here: <ftp://ftp.ihs.gov/pubs/EHR/Training/Guides/EHR%20Reminders/>

Clinical Reminders Office Hours

Office hours are announced periodically on the EHR and Reminders Listservs

Clinical Reminders Listserv

Send a question to the EHR Reminders Listserv:

http://www.ihs.gov/listserver/index.cfm?module=signUpForm&list_id=159

2.0 What's New

This section provides an overview of the major changes in the Clinical Reminders patch 1008.

There are 87 reminders/dialogs in this patch. The logic for some reminders changed significantly and other changed slightly. New dialogs have been developed. In order to make the transition as easy as possible for sites, it was decided to rename all the national reminders to append the year 2011 or 2012 on them.

All reminders have been updated. These new reminders replace the reminders being used at the site and the old reminders should be in-activated in the reminder definition menu after you have installed and deployed the 2011 and 2012 reminders.

2.1 Fixes

Reminder taxonomy fixes:

- Reminder picks up problems changed from inactive to active.
- Reminder filters out entered in error problems

Reminder filters out entered in error measurements.

Reminders that use drugs in their resolution logic will display the fill date as the last occurrence date.

Reminders that use Non VA Meds will display today's date as the last occurrence date.

Reminders that use drugs in their resolution logic will resolve correctly when the drug name uses mixed case (tall man).

2.2 Retired Reminders

- IHS-DIAB ASPIRIN 2009 reminder has been retired. It is being replaced by three reminders: IHS-DIAB ASPIRIN FEMALE 2011, IHS-DIAB ASPIRIN MALE 2011, IHS-DIAB ANTPLT KNOWN CVD 2011.
- IHS-DIAB MICROALBUMIN reminder is being retired and replaced with IHS-DIAB NEPHRO SCR/MON 2011 reminder.
- IHS-HIGH RISK FLU 2007 and IHS-HIGH RISK PNEUMO 2007 are being retired. The high risk forecasting is included in the new reminders for the pneumovax and influenza.

2.3 New Reminders

IHS-ACTIVITY SCREEN 2011
IHS-ANTICOAG CBC 2011
IHS-ANTICOAG DURATION OF TX 2011
IHS-ANTICOAG INR GOAL 2011
IHS-ANTICOAG OCCULT BLOOD 2011
IHS-ANTICOAG THERAPY END DATE 2011
IHS-ANTICOAG UA 2011
IHS-CHLAMYDIA SCREEN 2011
IHS-CVD 2011
IHS-DEPO PROVERA 2012
IHS-DIAB ASPIRIN FEMALE 2011
IHS-DIAB ASPIRIN MALE 2011
IHS-DIAB ANTPLT KNOWN CVD 2012
IHS-DIAB BP CONTROL 2012
IHS-DIAB HGBA1C CONTROL 2012
IHS-DIAB NEPHRO SCR/MON 2012
IHS-FALL RISK SCREEN 2011
IHS-FUNCTIONAL ASSESSMENT 2011
IHS-HIV SCREEN 2012
IHS-NEWBORN HEARING 2011
IHS-NUTRITIONAL SCREENING 2012
IHS-RUBELLA IMMUN 2012
IHS-ZOSTER IMMUN 2012

2.4 Reminders with Logic Changes

IHS-DIAB ACE/ARB 2012
IHS-DIAB HGBA1C 2011
IHS-HPV IMMUN 2012
IHS-INFLUENZA IMMUN 2012
IHS-MAMMOGRAM 2011
IHS-MENINGITIS IMMUN 2012
IHS-PAP SMEAR 2011
IHS-PED ROTAVIRUS IMMUN 2012
IHS-PED POLIO IMMUN 2012
IHS-PED PEDVAXHIB IMMUN 2012
IHS-PED DTAP IMMUN 2012
IHS-PED HIBTITER IMMUN 2012
IHS- PNEUMOVAX IMMUN 2012
IHS-TDAP IMMUN 2012
IHS-WEIGHT 2012

2.5 Reminders with Minor Updates

IHS-ALCOHOL SCREEN 2012
IHS-ALLERGY 2012
IHS-ASTHMA CONTROL 2011
IHS-ASTHMA ACTION PLAN 2011
IHS-ASTHMA PRIM PROV 2012
IHS-ASTHMA RISK EXACERBATION 2011
IHS-ASTHMA SEVERITY 2012
IHS-ASTHMA STEROID 2012
IHS-BLOOD PRESSURE 2012
IHS-COLON CANCER 2012
IHS-DENTAL VISIT 2011
IHS-DEPRESSION SCREENING 2011
IHS-DIAB EYE EXAM 2011
IHS-DIAB FOOT EXAM 2011
IHS-DIABETES SCREENING 2011
IHS-DOMESTIC VIOLENCE 2012
IHS-EPSDT SCREENING 2012
IHS-HCT/HGB 2011
IHS-HEAD CIRCUMFERENCE 2012
IHS-HEARING TEST 2011
IHS-HEIGHT 2012
IHS-HEP A ADULT IMMUN 2012
IHS-HEP B ADULT IMMUN 2012
IHS-IMMUNIZATION FORECAST 2011
IHS-LIPID FEMALE 2012
IHS-LIPID MALE 2012
IHS-OSTEOPOROSIS SCREENING 2011
IHS-PED DT IMMUN 2012
IHS-PED FLU IMMUN 2012
IHS-PED HEPA IMMUN 2012
IHS-PED HEPB IMMUN 2012
IHS-PED MMR IMMUN 2012
IHS-PED PNEUMOCOCCAL IMMUN 2012
IHS-PED VARICELLA IMMUN 2012
IHS-PPD 2012
IHS-SENIOR HEIGHT 2011
IHS-SENIOR VISION 2011
IHS-TD IMMUN 2012
IHS-TOBACCO SCREEN 2011
IHS-VISION 2011

2.6 Updated Reminder Dialogs

- ALL immunization dialogs have been updated to allow documentation that the vaccine was given “per provider order” “per standing order” or “per provider referral”
- Dialogs with major changes
 - IHS-ALCOHOL SCREEN 2012
 - IHS-ASTHMA CONTROL 2011
 - IHS-ASTHMA STEROID 2012
 - IHS-DEPRESSION SCREENING 2011
 - IHS-PPD 2012
 - IHS-TOBACCO SCREEN 2011
 - IHS-DIAB ACE/ARB 2012
 - IHS-MAMMOGRAM 2011
- Dialogs (in addition to Immunization dialogs) with minor changes
 - IHS-ASTHMA ACTION PLAN 2012
 - IHS-ASTHMA RISK EXACERBATION 2011
 - IHS-ASTHMA SEVERITY 2012
 - IHS-COLON CANCER 2012
 - IHS-DIABETES SCREENING 2011
 - IHS-LIPID FEMALE 2012
 - IHS-LIPID MALE 2012

2.7 New Dialogs (with Associated Reminder)

IHS-ACTIVITY SCREEN 2011
IHS-ANTICOAG CBC 2011
IHS-ANTICOAG DURATION OF TX 2012
IHS-ANTICOAG INR GOAL 2011
IHS-ANTICOAG OCCULT BLOOD 2011
IHS-ANTICOAG THERAPY END DATE 2011
IHS-ANTICOAG UA 2011
IHS-CHLAMYDIA SCREEN 2011
IHS-CVD 2011
IHS-DEPO PROVERA 2012
IHS-DIAB ASPIRIN FEMALE 2011
IHS-DIAB ASPIRIN MALE 2011
IHS-DIAB ANTPLT KNOWN CVD 2012
IHS-DIAB BP CONTROL 2012
IHS-DIAB HGBA1C CONTROL 2012

IHS-DIAB NEPHRO SCR/MON 2012
IHS-FALL RISK SCREEN 2011
IHS-FUNCTIONAL ASSESSMENT 2011
IHS-HIV SCREEN 2012
IHS-NEWBORN HEARING 2011
IHS-NUTRITIONAL SCREENING 2012
IHS-RUBELLA IMMUN 2012
IHS-ZOSTER IMMUN 2012

2.8 New Dialogs (Standalone Dialogs)

This patch contains several standalone dialog templates. These items are attached to blank reminders for uploading purposes and are NOT intended to be added to the GUI reminders for evaluation.

IHS-ASBI BNI 2011
IHS-ASBI SCREENING 2012
IHS-ASTHMA INTAKE 2012
IHS-MED ED 2011
IHS-MED THERAPY MNGT 2011
IHS-PED PEDIARIX IMMUN 2012
IHS-PHN HOSP DC VISIT 2011
IHS-PHQ9 SCREEN 2011
IHS-SCREENING BUNDLE 2011

3.0 Installation Checklist

Review the patch notes and this guide. The following steps should be performed by the appropriate IRМ or CAC staff in the order that it is presented.

1. Review the list of reminders to determine which ones you will install/activate at your site. (Section 4.0)
2. Setup Quick Orders (Section 5.0).
3. Setup TIU Objects (Section 6.0).
4. Setup HS Objects (Section 7.0).
5. Remove Old Reminders from Reminder Exchange (Section 8.0).
6. Dialog Preparation: If the site has made local changes to existing national dialogs, especially by adding ADDITIONAL FINDINGS to dialogs, there might be some problems. Follow the instructions in this guide to look for the additional findings and remove them before installing the reminder. You can add them back after installation. (Section 9.0)
7. Install the KIDS build by appropriate IRМ personnel. (Section 10.0)

Note: After the KIDS build has been installed, the computed findings that are used to check the immunization forecaster will not function properly until the new immunization reminders are installed through reminder exchange

8. *You must install the immunization reminders through exchange immediately if you have any immunization reminders deployed. You do not have to move these into production immediately but should replace your old immunization reminders with the new ones fairly soon.*
9. Install the reminders in Reminder Exchange that will be used at the facility. (Section 11.0)
10. Setup the VA Health Summary Object for Depo Provera after the IHS-DEPO PROVERA reminder is installed and before the dialog is installed. (Section 7.0)
11. Install, link and enable the dialogs. (Section 12.0)
12. Edit the Dialog Parameters for IHS-ASTHMA 2007 taxonomy. Disable diagnosis codes for historical entries. (Section 13.0)

13. Review reminder terms and populate reminder terms that contain labs or drugs. Failure to do this will result in MANY reminders being due all the time. (Section 14.0)
14. If you removed additional findings in Step 5, then add them back in. Consider manually updating the dialogs. Refer to chapter 16. NEVER use an additional finding that is used *in any other reminder dialog*. Only absolutely unique finding items may be used as additional findings. (Section 15.0)
15. Configure the Electronic Health Record to display the reminders. Sites may choose to activate the reminders just for specific individuals during a testing phase. If needed, add the REMINDER COMPONENTS to the health summary so they can be seen and printed on the Reports tab. (Section 16.0)
16. Inactivate Old Reminders (Section 17.0)
17. Setup TIU Reminder Dialogs as Templates (Section 18.0)
18. Review the installed reminders and dialogs (Section 19.0)

4.0 Review National Reminder Definitions

The following provides information about all the National Reminder Definitions.

4.1.1 IHS-ACTIVITY SCREEN 2011

APPLICABLE TO: Patients age 5 and older

REMINDER DUE if age 5 and older and no activity health factor AND no exercise education documented in past year

FREQUENCY: Annually

RESOLUTION: Documentation of:

- Health factor of type: Inactive, Some Activity, Active, Very Active
- AND education topic HPDP-EXERCISE

4.1.2 IHS-ALCOHOL SCREEN 2012

APPLICABLE TO: Patients age 13 and older

REMINDER DUE: Patient is aged 13-110 and has no alcohol screening (exam, measurement, health factor, POV) documented in the past year.

FREQUENCY: Annually

RESOLUTION: This reminder resolves using the RPMS data found by the PCC Health Maintenance Reminder look up for Alcohol Use Screening.

Refer to the PCC Health Summary User Manuals for the logic. Appendices start on page 123. http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

4.1.3 IHS-ALLERGY 2012

This reminder uses a computed finding to warn providers if the patient does not have an allergy assessment on file.

APPLICABLE TO: All patients

FREQUENCY: The reminder will check for an allergy assessment or adverse reaction every day.

RESOLUTION: documentation of an allergy assessment or adverse reaction

4.1.4 IHS-ANTICOAG CBC 2011

APPLICABLE TO: Patients, all ages on anticoagulation therapy (patients with V Med entry in previous 120 days that has not been discontinued)

REMINDER DUE: if patient is on anticoagulation therapy and no CBC found in past 1 year.

FREQUENCY: Annually

RESOLUTION: This reminder resolves when the ANTICOAGULATION: SAFETY MEASURE: CBC Best Practice Prompt is no longer active. Once a CBC is done, the PCC Best Practice Prompt is no longer active and the reminder resolves.

Refer to the PCC Health Summary User Manuals for the logic. Appendices start on page 123. http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

4.1.5 IHS-ANTICOAG DURATION OF TX 2011

APPLICABLE TO: Patients, all ages on anticoagulation therapy (patients with V Med entry in previous 120 days that has not been discontinued)

REMINDER DUE: if patient is on anticoagulation therapy and no Duration of Anticoagulation Therapy is documented.

REMINDER ON: as needed.

RESOLUTION: This reminder resolves when the duration of therapy is documented through PCC Data Entry using the mnemonic ACTH. Once documented, the ANTICOAGULATION: DURATION OF ANTICOAG THERAPY Best Practice Prompt is no longer active and the reminder resolves.

Refer to the PCC Health Summary User Manuals for the logic. Appendices start on page 123. http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

The duration of therapy is stored in the V ANTICOAGULATION file and entered in PCC and displayed on the anticoagulation patient care supplement of the health summary.

4.1.6 IHS-ANTICOAG INR GOAL 2011

APPLICABLE TO: Patients, all ages on anticoagulation therapy (patients with V Med entry in previous 120 days that has not been discontinued)

REMINDER DUE: if patient is on anticoagulation therapy and no INR goal is recorded.

RESOLUTION: This reminder resolves when the INR goal is documented through PCC Data Entry using the mnemonic ACTH. Once the INR is documented, the ANTICOAGULATION: INR GOAL Best Practice Prompt is no longer active and the reminder resolves.

Refer to the PCC Health Summary User Manuals for the logic. Appendices start on page 123. http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

4.1.7 IHS-ANTICOAG OCCULT BLOOD 2011

APPLICABLE TO: Patients, all ages on anticoagulation therapy (patients with V Med entry in previous 120 days that has not been discontinued)

REMINDER DUE: if patient is on anticoagulation therapy and no test for Fecal Occult Blood found in past 1 year.

REMINDER ON: as needed.

FREQUENCY: Annually

RESOLUTION: This reminder resolves when the ANTICOAGULATION: SAFETY MEASURE: FOBT Best Practice Prompt is no longer active. Once the FOBT is done, the Best Practice Prompt is no longer active and the reminder resolves.

Refer to the PCC Health Summary User Manuals for the logic. Appendices start on page 123. http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

4.1.8 IHS-ANTICOAG THERAPY END DATE 2011

APPLICABLE TO: Patients, all ages on anticoagulation therapy (patients with V Med entry in previous 120 days that has not been discontinued)

REMINDER DUE: if patient is on anticoagulation therapy and therapy end date is in less than 45 days. Consider reassessing your patient's continued need for Warfarin therapy and extending the Duration of Anticoagulation Therapy if indicated.

REMINDER ON: as needed

RESOLUTION: This reminder resolves when the ANTICOAGULATION THERAPY END DATE is documented through PCC Data Entry using the mnemonic ACTH. Once documented, the Best Practice Prompt is no longer active and the reminder resolves.

Refer to the PCC Health Summary User Manuals for the logic. Appendices start on page 123. http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

The therapy end date is store in the V Anticoagulation file and displayed on the Anticoagulation Patient Care supplement of the health summary.

4.1.9 IHS-ANTICOAG UA 2011

APPLICABLE TO: Patients, all ages on anticoagulation therapy (patients with V Med entry in previous 120 days that has not been discontinued)

REMINDER DUE: if patient is on anticoagulation therapy and no urinalysis found in past 1 year. **REMINDER ON:** as needed.

RESOLUTION: Urinalysis lab result. This reminder resolves using the RPMS data found by the **ANTICOAGULATION: SAFETY MEASURE: URINALYSIS** Best Practice Prompt. When the UA is done, the Best Practice Prompt is no longer active and the reminder resolves.

Refer to the PCC Health Summary User Manuals for the logic. Appendices start on page 123. http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

4.1.10 IHS-ASTHMA CONTROL 2011

APPLICABLE TO: Patients with an active problem of asthma or visit diagnosis of asthma in past 2 years

REMINDER DUE if patient has not had an asthma control documented (can be documented on Visit Diagnosis of Asthma) in the past AND has asthma defined as:

- Severity of Mild, Moderate or Severe Persistent OR
- iCare active Asthma Tag [proposed or accepted] OR
- 3 instances of Asthma as primary dx in past 6 mo

FREQUENCY: Annually

RESOLUTION: Documentation of asthma control on the Visit Diagnosis component will inactivate **ASTHMA CONTROL CLASSIFICATION** Best Practice Prompt and resolve the reminder.

Refer to the PCC Health Summary User Manuals for the logic and RPMS taxonomies. Appendices start on page 123.

http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

Refer to the iCare User manual for the logic for Asthma Tags:

http://www.ihs.gov/RPMS/PackageDocs/BQI/bqi_022u.pdf

4.1.11 IHS-ASTHMA ACTION PLAN 2012

APPLICABLE TO: Patients with an active problem of asthma or visit diagnosis of asthma in past 2 years

REMINDER DUE if patient has not had an Asthma Action Plan (Patient Ed ASM-SMP) documented in the past AND has asthma defined as:

- Severity of Mild, Moderate or Severe Persistent OR
- iCare active Asthma Tag [proposed or accepted] OR
- 3 instances of Asthma as primary dx in past 6 mo OR
- Last documented Asthma Control was “not well controlled” or “very poorly controlled” OR
- Asthma exacerbation in past year OR
- One ER or Urgent care visit in past year with primary dx of Asthma.

FREQUENCY: Annually

RESOLUTION: Documentation of an Asthma Action plan (Patient Ed ASM-SMP) will inactivate the ASTHMA ACTION PLAN Best Practice Prompt and resolve the reminder.

Refer to the PCC Health Summary User Manuals for the logic and RPMS taxonomies. Appendices start on page 123.

http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

Refer to the iCare User manual for the logic for Asthma Tags:

http://www.ihs.gov/RPMS/PackageDocs/BQI/bqi_022u.pdf

4.1.12 IHS-ASTHMA PRIM PROV 2012

APPLICABLE TO: Patients with an active problem of asthma or visit diagnosis of asthma in past 2 years

REMINDER DUE if patient does not have a Designated Primary Care Provider documented AND has asthma defined as:

- Severity of Mild, Moderate or Severe Persistent OR
- iCare active Asthma Tag [proposed or accepted] OR
- 3 instances of Asthma as primary dx in past 6 mo

RESOLUTION: Documentation of a Designated Primary Care Provider in RPMS will inactivate the ASTHMA PRIMARY CARE PROVIDER Best Practice Prompt and resolve the reminder.

Refer to the PCC Health Summary User Manuals for the logic and RPMS taxonomies. Appendices start on page 123.

http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

Refer to the iCare User manual for the logic for Asthma Tags:

http://www.ihs.gov/RPMS/PackageDocs/BQI/bqi_022u.pdf

4.1.13 IHS-ASTHMA RISK EXACERBATION 2011

APPLICABLE TO: Patients with an active problem of asthma or visit diagnosis of asthma in past 2 years

REMINDER DUE if patient at increased risk for Asthma Exacerbation defined as:

- Two or more ER, Urgent Care or inpatient visits in past year with a documented primary diagnosis of asthma; OR
- One prescription for oral corticosteroids on the same day as a visit with primary Asthma diagnosis in the last year for patients with ONLY asthma severity 1 (intermittent); OR
- Two prescriptions for oral corticosteroids on the same day as a visit with primary Asthma diagnosis in the last year for patients with ANY asthma severity 2, 3, or 4 (persistent); OR
- At least one ER, Urgent Care or inpatient visit in the last year with a documented primary diagnosis of asthma AND one prescription for oral corticosteroids on the same day as a visit with primary Asthma diagnosis in the last year on a date at least 2 weeks (14 days) before or after the ER/UC/inpatient visit.

RESOLUTION: This reminder uses a computed finding to get data from ASTHMA: INCREASED RISK FOR EXACERBATION Best Practice prompt. The reminder is due while the patient is at an increased risk for exacerbation, and will not resolve while the best practice prompt is active for the patient.

Refer to the PCC Health Summary User Manuals for the logic and RPMS taxonomies. Appendices start on page 123.

http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

Refer to the iCare User manual for the logic for Asthma Tags:

http://www.ihs.gov/RPMS/PackageDocs/BQI/bqi_022u.pdf

4.1.14 IHS-ASTHMA SEVERITY 2012

APPLICABLE TO: Patients with an active problem of asthma or visit diagnosis of asthma in past 2 years

REMINDER DUE if patient does not have documented Asthma Severity Classification (on problem list) AND has Asthma defined as:

- iCare active Asthma Tag [proposed or accepted] OR
- 3 instances of Asthma as primary dx in past 6 mo

RESOLUTION: This reminder resolves when the ASTHMA SEVERITY CLASSIFICATION Best Practice Prompt is no longer active. Documenting the Asthma Severity Classification on the problem list will inactivate the ASTHMA SEVERITY CLASSIFICATION Best Practice prompt and resolve the reminder.

Refer to the PCC Health Summary User Manuals for the logic and RPMS taxonomies. Appendices start on page 123.

http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

Refer to the iCare User manual for the logic for Asthma Tags:

http://www.ihs.gov/RPMS/PackageDocs/BQI/bqi_022u.pdf

4.1.15 IHS-ASTHMA STEROIDS 2012

APPLICABLE TO: Patients with an active problem of asthma or visit diagnosis of asthma in past 2 years

REMINDER DUE if patient does not have a prescription in the past 6 months for inhaled corticosteroids AND has Asthma defined as:

- Severity of Mild, Moderate or Severe Persistent OR
- iCare active Asthma Tag [proposed or accepted] OR
- 3 instances of Asthma as primary dx in past 6 mo

RESOLUTION: This reminder resolves when the ASTHMA: ADD/INCREASE INHALED STEROIDS Best Practice Prompt is no longer active. A prescription for an inhaled steroid in will inactivate the Best Practice Prompt and resolve the reminder.

Note: The Best Practice Prompt will look for inhaled steroids that are listed in the BAT ASTHMA INHALED STEROIDS taxonomy. Please verify that the inhaled steroids that are dispensed at your facility are included in this taxonomy. Failure to do so will result in the best practice prompt and reminder being due, even though the patient has received a recent prescription for an inhaled steroid.

This taxonomy can be populated through iCare. To edit the taxonomy, the iCare user must possess the BGPZ TAXONOMY EDITOR key.

Login to iCare | Tools | Taxonomy Maintenance | View/Edit Taxonomy Entries | All Site Populated | Medication Taxonomy | BAT Asthma Inhaled Steroids | Add.

Refer to the PCC Health Summary User Manuals for the logic and RPMS taxonomies. Appendices start on page 123.

http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

Refer to the iCare User manual for the logic for Asthma Tags:

http://www.ihs.gov/RPMS/PackageDocs/BQI/bqi_022u.pdf

4.1.16 IHS-BLOOD PRESSURE 2012

APPLICABLE TO: Patients age 2 and older. Hypertensive and diabetic patients are excluded from this reminder. This is a blood pressure screening reminder for normal risk individuals.

REMINDER DUE: if patient does not have hypertension or diabetes AND

- Last BP was over 139 OR 89
- No BP recorded in past 1 year if over 21 OR if under 21 and last DBP 85-89
- No BP recorded in past 2 years if age 2-20

RESOLUTION: blood pressure at the recommended interval

4.1.17 IHS-CHLAMYDIA SCREEN 2011

APPLICABLE TO: Females aged 16-25

REMINDER DUE: if female patient 16-25 and no chlamydia screening in past year. May be deferred if patient is not engaged in sexual intercourse.

FREQUENCY: Annually

RESOLUTION: Resolved by a Chlamydia lab result, lab procedure, or diagnosis code. This reminder resolves using the RPMS data found by the CHLAMYDIA SCREENING Health Maintenance Reminder.

Refer to the PCC Health Summary User Manuals for the logic. Appendices start on page 123. http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

4.1.18 IHS-COLON CANCER 2012

REMINDER APPLICABLE if age 51-80

- and no history of neoplasm of the colon
- and no evidence of colonoscopy in past 9yrs 9mos
- and no evidence of sigmoidoscopy or barium enema in past 4yrs 9mos

REMINDER DUE if no Fecal test done in past year

REMINDER ON if due within 3 months

RESOLUTION:

- Fecal test resulted
- Colonoscopy done (status N/A for 9yrs 3mos)
- Sigmoidoscopy or barium enema (status N/A for 4yrs 9mos)

REMINDER TERM: IHS-FECAL OCCULT BLOOD will need to contain the names of the lab(s) that the site uses.

4.1.19 IHS-CVD 2011

APPLICABLE TO: All patients

REMINDER APPLICABLE AND DUE: the patient has an iCare diagnostic tag of CVD risk, known CVD. See Reminder Dialog and/or PCC Best Practice Prompts to see what iCare tag is assigned and what is recommended for this patient.

NO RESOLUTION: This reminder uses a computed finding to determine if the patient has an iCare CVD diagnostic tag [proposed or accepted] and if so the reminder is applicable and due. The reminder does not resolve and is intended to alert the user to PCC best practice prompts that may be active for the patient.

Refer to the PCC Health Summary User Manuals for the logic. Appendices start on page 123. http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

Refer to the iCare User manual for the logic for CVD Tags:
http://www.ihs.gov/RPMS/PackageDocs/BQI/bqi_022u.pdf

4.1.20 IHS-DENTAL VISIT 2011

APPLICABLE TO: All patients, all ages

REMINDER DUE: If no dental visit documented in past year.

REMINDER ON: 3 months before due date.

FREQUENCY: Annually

RESOLUTION: This reminder resolves using the RPMS data found by the DENTAL EXAM Health Maintenance Reminder.

Refer to the PCC Health Summary User Manuals for the logic. Appendices start on page 123. http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

4.1.21 IHS-DEPO PROVERA 2012

Note: *** You must install the reminder and dialog separately.

1. Install reminder first
2. Create VA Health Summary Object called |PXRM DEPO PROVERA|
3. Install dialog, link and activate

APPLICABLE TO: Women who have an order for medroxyprogesterone injection that is not discontinued.

Patient has order for Depo Provera (orderable item of medroxyprogesterone, inj) that is not discontinued.

This order may be expired If patient is no longer using Depo Provera, then discontinue the active or expired order to remove from cohort.

REMINDER DUE SOON (ON TIME for injection) if patient has order that is not discontinued for Depo Provera and it has been 10 weeks since the last injection (CPT code J1055)

*** The standard administration schedule is every 12 weeks. If patient is due soon, ensure that an appointment is schedule for their scheduled injection and/or follow local policy for timing of injections. ***

REMINDER DUE (OVERDUE for injection) if it has been more than 13 weeks longer since the last injection (CPT code J1055).

*** Check status of order. Reminder will be active for patients with expired orders. Follow site's policy and procedure for renewing orders ***

*** Follow your site's policy and procedure for screening, assessment including UHCG screening and on time, late and restart administration of Depo Provera ***

FREQUENCY: Every 13 weeks

RESOLUTION: Documentation of Depo-Provera administration (CPT code J1055) during the defined time interval.

REMINDER TERM: The reminder term IHS-DEPO PROVERA ORDERABLE ITEM as an orderable item will need to be populated at the site.

INSTALL NOTES:

- (1) Install reminder first
- (2) Create VA Health Summary Object |PXRM DEPO PROVERA|
- (3) Install dialog, link and activate

4.1.22 IHS-DEPRESSION SCREEN 2011

APPLICABLE TO: All patients, starting at age 18 years

REMINDER DUE: Patient is aged 18 and older and has no depression screening (exam, measurement, POV) or mood disorder documented in the past year.

FREQUENCY: Annually

RESOLUTION: This reminder resolves using the RPMS data found by the DEPRESSION SCREENING Health Maintenance Reminder.

Refer to the PCC Health Summary User Manuals for the logic. Appendices start on page 123. http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

4.1.23 IHS-DIAB ACE/ARB 2012

Diabetic patients who have hypertension or nephropathy should be on either an ACE inhibitor or an ARB unless they are allergic to both.

APPLICABLE TO:

- Patients with an active problem of diabetes or visit diagnosis of diabetes in the past 3 years
- AND (either hypertension or nephropathy or UA/CR>30)
- AND NOT allergic to both ACEI and ARB

REMINDER DUE: if patient has an active problem or diagnosis of Diabetes AND either a diagnosis of nephropathy or hypertension or a UA/CR >30 and does not have an active, filled prescription for an ACEI or ARB.

EXCLUSION: patient removed from cohort if documented allergy/ADR to both ACEI and ARB

RESOLUTION: Reminder resolved by current prescription for ACEI or ARB, including outside medications

REMINDER TERMS: IHS-NEPHROPATHY needs to be populated with the lab(s) that the site uses for UA/CR. IHS-ACE/ARB needs to be populated with the medications that the site uses.

4.1.24 IHS-DIAB ANTIPLT KNOWN CVD 2012

Diabetic patients with known cardiovascular disease should be evaluated for the appropriateness for antiplatelet therapy. Reminder checks medication listing to see if patient is on aspirin or clopidogrel. The previous DIAB ASPIRIN reminder is being replaced with 3 reminders, for males, females and those with coronary vascular disease (CVD).

APPLICABLE TO:

- Patients with an active problem of diabetes or visit diagnosis of diabetes in the past 3 years
- AND known CVD
- AND NOT on current anticoagulation therapy
- AND NOT allergic to both aspirin and clopidogrel

REMINDER DUE if has an active problem or visit diagnosis of Diabetes in the past 3 years and an active problem or visit diagnosis of CVD

AND

- Not on warfarin therapy
- No documented allergy to BOTH aspirin and clopidogrel AND
- No current and filled RX for aspirin or clopidogrel

RESOLUTION: current prescription for aspirin or clopidogrel, including outside medications

REMINDER TERMS: IHS-ASPIRIN, IHS-CLOPIDOGREL needs to be populated with the medications that that site uses for these items.

4.1.25 IHS-DIAB ASPIRIN FEMALE 2011

Female diabetic patients over 60 years of age who have an additional risk for cardiovascular disease should be considered for Aspirin therapy. Clinical judgment should be exercised in determining appropriateness of therapy based on age and other risk factors such as bleeding risk.

APPLICABLE TO:

- Female patients age over 60 with an active problem of diabetes or visit diagnosis of diabetes in the past 3 years

- AND DO NOT have an active problem or visit diagnosis of CVD
- AND NOT on warfarin therapy
- AND NOT allergic to aspirin

REMINDER DUE if patient female, age over 60 and has an active problem diagnosis of Diabetes or visit diagnosis of Diabetes in the past 3 years

AND

- Not on warfarin therapy
- No documented allergy to aspirin
- No current and filled RX for aspirin (clopidogrel will also resolve reminder to avoid the patient being prescribed 2 antiplatelet agents inadvertently)

FREQUENCY: Annually

RESOLUTION: current prescription for aspirin or clopidogrel, including outside medications

REMINDER TERMS: IHS-ASPIRIN, IHS-CLOPIDOGREL need to be populated with the medications that that site uses for these items.

4.1.26 IHS-DIAB ASPIRIN MALE 2011

Male diabetic patients over 50 years of age who have an additional risk for cardiovascular disease should be considered for Aspirin therapy. Clinical judgment should be exercised in determining appropriateness of therapy based on age and other risk factors such as bleeding risk.

APPLICABLE TO:

- Male patients age 50 and older with an active problem of diabetes or visit diagnosis of diabetes in the past 3 years
- AND DO NOT have an active problem or visit diagnosis of IHD
- AND NOT on warfarin therapy
- AND NOT allergic to both aspirin and clopidogrel

REMINDER DUE if patient is male, age over 50 and has an active problem diagnosis of Diabetes or visit diagnosis of Diabetes in the past 3 years

AND

- Not on warfarin therapy
- No documented allergy to aspirin

- No current and filled RX for aspirin (clopidogrel will also resolve reminder to avoid the patient being prescribed 2 antiplatelet agents inadvertently)

FREQUENCY: Annually

RESOLUTION: current prescription for aspirin or clopidogrel, including outside medications

REMINDER TERMS: IHS-ASPIRIN, IHS-CLOPIDOGREL needs to be populated with the medications that that site uses for these items.

4.1.27 IHS-DIAB BP CONTROL 2012

APPLICABLE TO: Patients with an active problem of diabetes or visit diagnosis of diabetes in the past 3 years

REMINDER DUE if patient has an active problem diagnosis of Diabetes or visit diagnosis of Diabetes in the past 3 years AND no BP recorded in 3 months

REMINDER DUE next visit if systolic BP 130 or greater OR diastolic BP 80 or greater

FREQUENCY: Every 3 months or every visit if BP is elevated

RESOLUTION: blood pressure during the recommended interval.

4.1.28 IHS-DIAB EYE EXAM 2011

APPLICABLE TO: Patients with an active problem of diabetes or visit diagnosis of diabetes in the past 3 years

REMINDER DUE if patient has an active problem of Diabetes or visit diagnosis of Diabetes in the past 3 years AND no Dilated Eye exam in the past year

REMINDER ON if no Dilated Eye exam in the past year.

REMINDER ON if due within 3 months

FREQUENCY: Annually

RESOLUTION: Eye exam from the exam file or a CPT code for a fundoscopic eye exam documented

4.1.29 IHS-DIAB FOOT EXAM 2011

APPLICABLE TO: Patients with an active problem of diabetes or visit diagnosis of diabetes in the past 3 years

REMINDER DUE if patient has an active problem of Diabetes or visit diagnosis of Diabetes in the past 3 years AND no Diabetic foot exam in the past year

REMINDER ON if due within 3 months

FREQUENCY: Annually

RESOLUTION: Diabetic Foot Exam Code documented

4.1.30 IHS-DIAB HGBA1C 2011

APPLICABLE TO: Patients with an active problem of diabetes or visit diagnosis of diabetes in the past 3 years

REMINDER DUE if patient has an active problem diagnosis of Diabetes or visit diagnosis of Diabetes in the past 3 years AND no HGBA1C in the 6 months

FREQUENCY: Every 6 months

RESOLUTION: HGBA1C lab result

REMINDER TERM: HGBA1C needs to be populated with the lab(s) that the site uses

4.1.31 IHS-DIAB HGBA1C CONTROL 2012

Patients with diabetes should have their A1C measured at least twice per year. Patients who are not meeting treatment goals or whose therapy has changed should have A1C quarterly. This reminder is designed to be site dependent. Each facility will need to determine what the “threshold” will be to trigger a re-evaluation of the HgbA1c every 3 months

APPLICABLE TO: Patients with an active problem of diabetes or visit diagnosis of diabetes in the past 3 years

REMINDER DUE in 6 months: If no A1C in past 6 months.

REMINDER DUE in 3 months: If last A1C exceeds site defined threshold in “IHS-HGBA1C REEVALUATE” term.

RESOLUTION: HGBA1C lab result

REMINDER TERMS: IHS-HGBA1C needs to be populated with the lab(s) that the site uses. Sites will need to include the condition that will trigger this reminder for each lab entered.

NAME: IHS-HGBA1C REEVALUATE Replace

```

CLASS: VISN//
REVIEW DATE:
DESCRIPTION:
  No existing text
  Edit? NO//

Select FINDING ITEM: HEMOGLOBIN A1C// Enter your sites HGBA1C test name. If there
are more than 1 HGBA1C lab tests setup at your site, you will need to set each one
up.

  FINDING ITEM: HEMOGLOBIN A1C//
  EFFECTIVE PERIOD:
  USE INACTIVE PROBLEMS:
  WITHIN CATEGORY RANK:
  EFFECTIVE DATE:
  MH SCALE:

  CONDITION: I V>6.9// In this example: If the HGBA1C is greater than 6.9, it will
be due in 3 months. This condition may be modified.

Enter the condition for each lab added

  CONDITION CASE SENSITIVE:
  RX TYPE:

```

Figure 4-1: HGBA1C Reminder Term

4.1.32 IHS-DIAB NEPHRO SCR/MON 2012

The microalbumin test will no longer be a national reminder.

APPLICABLE TO: Patients with an active problem of diabetes or visit diagnosis of Diabetes in the past 3 years who are NOT on long term dialysis

REMINDER DUE if patient has an active problem diagnosis of Diabetes or visit diagnosis of Diabetes in the past 3 years

AND

- AND NOT long term dialysis
- AND no quant urine albumin(UACR)
- AND eGFR (eGFR requires a creatinine) in past year

FREQUENCY: Annually

RESOLUTION: Quantitative Urine Albumin (UACR) and eGFR lab result

REMINDER TERMS: IHS-URINE ALBUMIN and IHS-EGFR needs to be populated with the lab(s) that the site uses.

4.1.33 IHS-DIABETES SCREENING 2011

APPLICABLE TO: Patients age 18 and older who do not have an active problem or visit diagnosis in past 3 years of diabetes

REMINDER DUE: Patient is aged 18 and older, without diagnosis of Diabetes on the problem list and no glucose screening test documented in the past 3 years.

FREQUENCY: Every 3 years

RESOLUTION: Resolved by a glucose lab result. This reminder resolves using the RPMS data found by the DIABETES SCREENING Health Maintenance Reminder.

Refer to the PCC Health Summary User Manuals for the logic. Appendices start on page 123. http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

4.1.34 IHS-DOMESTIC VIOLENCE 2012

APPLICABLE TO: Females age 15 and older

REMINDER DUE: Patient is female, 15 or older and no documented Intimate Partner Violence exam in the past year.

REMINDER ON: 3 months before due date.

FREQUENCY: Annually

RESOLUTION: This reminder resolves using the RPMS data found by the DOMESTIC VIOLENCE/IPV SCREENING Health Maintenance Reminder look up.

Refer to the PCC Health Summary User Manuals for the logic. Appendices start on page 123. http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

4.1.35 IHS-EPSTD SCREENING 2012

The Early Periodic Screening, Diagnosis, and Treatment (EPSDT) Program is the child health component of Medicaid. EPSDT requires states to assess a child's health needs through initial and periodic evaluations to assure that health problems are diagnosed and treated early, before they become more complex and their treatment more costly.

APPLICABLE TO: Patients age 0-20 yrs.

REMINDER DUE: If pt. is 0-20 yrs. and no documented screening during the recommended screening interval.

FREQUENCY: EPSDT Screening is due 5 times at the following intervals:

- Age less than 1 year
- Age 1 through 4 years
- Age 5 through 11 years
- Age 12 through 17 years
- Age 18 through 20 years

RESOLUTION: This reminder resolves using the procedure (CPT) codes found by the EPSDT Screening Health Maintenance Reminder.

Refer to the PCC Health Summary User Manuals for the logic. Appendices start on page 123. http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

4.1.36 IHS-FALL RISK SCREEN 2011

APPLICABLE TO: Patients age 65 and older

REMINDER DUE: Patient is over 65 and no fall risk assessment done (Fall Risk exam, POV, injury code)

REMINDER ON: 3 months before due date.

FREQUENCY: Annually

RESOLUTION: This reminder resolves using the RPMS data found by the FALL RISK ASSESSMENT Health Maintenance Reminder.

Refer to the PCC Health Summary User Manuals for the logic. Appendices start on page 123. http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

4.1.37 IHS-FUNCTIONAL ASSESSMENT 2011

APPLICABLE TO: Patients age 55 and older

REMINDER DUE: Patient is over 55 without documentation of any ADL or IADL data in the past year (documented in Functional Status in Personal Health).

REMINDER ON: 3 months before due date.

FREQUENCY: Annually

RESOLUTION: This reminder resolves using the RPMS data found by the FUNCTIONAL ASSESSMENT Health Maintenance Reminder.

Refer to the PCC Health Summary User Manuals for the logic. Appendices start on page 123. http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

4.1.38 IHS-HCT/HGB 2011

Children should have a screening HCT or HGB at approximately age 12 months and 4 years of age.

APPLICABLE TO: Patients age 12 months to 5 years

REMINDER DUE if age 12 months to 5 years and no HCT or HGB in past 3 years.

REMINDER ON if over 12 months and due within 3 months.

FREQUENCY: Every 3 years

RESOLUTION: HCT or HGB lab result

REMINDER TERM: IHS-HCT/HGB needs to be populated with the lab(s) that the site uses.

4.1.39 IHS-HEAD CIRCUMFERENCE 2012

APPLICABLE TO: Patients birth to 3 years

REMINDER DUE Reminder due every 2 mos until age 6 mos, and then every 6 mos until 3 Y

REMINDER ON if due within 7 days

RESOLUTION: Vital measurement of head circumference documented

4.1.40 IHS-HEARING TEST 2011

APPLICABLE TO: Patients age 4 to 7 years

REMINDER DUE: hearing test should be done once for ages 4 to 7 years

RESOLUTION: This reminder resolves with documentation of a hearing exam code 17 found by the HEARING TEST Health Maintenance Reminder.

Refer to the PCC Health Summary User Manuals for the logic. Appendices start on page 123. http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

4.1.41 IHS-HEIGHT 2012

APPLICABLE TO: Patients age birth to 49 years

REMINDER DUE: age birth -49 years height is due

- every 2 months until age 6 month,
- every 6 months from age 7 to 35 months,
- every year from age 3 to 18 years,
- every 5 years from 19 to 49 years

REMINDER ON If due within 7 days

RESOLUTION: Vital measurement of height documented

4.1.42 IHS-HIV SCREEN 2012

APPLICABLE TO: Ages 13-64 and no diagnosis of HIV

REMINDER DUE: If patient is 13 to 64, not diagnosed with HIV, and no HIV screening has been done.

RESOLUTION: Resolved with HIV screening lab test, procedure, or diagnosis. This reminder resolves using the RPMS data found by the HIV SCREENING Health Maintenance Reminder.

Refer to the PCC Health Summary User Manuals for the logic. Appendices start on page 123. http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

4.1.43 IHS-IMMUNIZATION FORECAST 2011

This reminder forces the forecaster to run before viewing a patient's reminders. This ensures that the most current immunization forecast is displayed in the reminders. The immunization forecast reminder should always be the first item on the Cover Sheet Reminder List in EHR. Refer to EHR Configuration section of this manual.

FREQUENCY: It is never due.

4.1.44 IHS-LIPID FEMALE 2012

APPLICABLE TO:

- Female patients age 45 to 64 years who do not have an active problem or visit diagnosis of diabetes in the past 3 years
- All ages if patient has an active problem or visit diagnosis of diabetes in the past 3 years

REMINDER DUE if female age 45 to 64 and no lipid profile in past 5 years if diabetic of any age and no lipid profile in 1 year

REMINDER ON if due within 3 months

FREQUENCY: Every 5 years. Every year if diabetic.

RESOLUTION: Lipid profile lab result including and LDL

REMINDER TERM: IHS-LIPID LAB TEST needs to be populated with the lab(s) that the site uses to document a lipid profile. Use individual tests, not a profile since a profile does not have results. Recommend using LDL and Direct LDL to resolve reminder.

4.1.45 IHS-LIPID MALE 2012

APPLICABLE TO:

- Male patients age 45 to 64 years who do not have an active problem or visit diagnosis of diabetes in the past 3 years
- All ages if patient has an active problem or visit diagnosis of diabetes in the past 3 years

REMINDER DUE if male age 35 to 64 and no lipid profile in past 5 years if diabetic of any age and no lipid profile in 1 year

REMINDER ON if due within 3 months

FREQUENCY: Every 5 years. Every year if diabetic.

RESOLUTION: Lipid profile lab result including and LDL

REMINDER TERM: IHS-LIPID LAB TEST needs to be populated with the lab(s) that the site uses to document a lipid profile. Use individual tests, not a panel since a panel does not have results. Recommend using LDL and Direct LDL to resolve reminder.

4.1.46 IHS-MAMMOGRAM 2011

APPLICABLE TO: Mammography is recommended in women from ages 50-74. Mammography should be discussed with patients from 40-49 and 75 and older and screening performed based on clinical judgment.

Routine Screening Mammogram recommendations (2011)

- US Preventive Services Taskforce: Recommends screening mammograms every 2 years from age 50-74. Recommends against routine screening in women aged 40-49.
- American College of Obstetrics and Gynecology: Recommends screening mammograms every 1-2 years for women aged 40-49 and yearly for women aged 50-74. Provider should discuss with patients whether mammography should be continued for ages 75 and older.

- American Cancer Society: Recommends screening mammograms yearly starting at age 40 as long as a women is in good health.

Clinicians should discuss the benefits and risks of mammography with patients aged 40-49 and 75 or older and screen based on clinical judgment.

REMINDER DUE:

Women aged 50-74 who have not had a mammogram documented in past year.

Women aged 40-49 and 75-99 who have not had Women's Health-Mammogram education or mammogram documented in the past year.

EXCLUDED: Patients who have had a bilateral mastectomy documented [in PCC using SHX mnemonic which stores an ICD procedure code for bilateral mastectomy].

RESOLUTION:

Ages 40-49 and 75-99: Documentation of Women's Health-Mammogram patient education or Mammogram

Ages 40-99: Mammogram

This reminder resolves using the RPMS data found by the MAMMOGRAM Health Maintenance Reminder.

Refer to the PCC Health Summary User Manuals for the logic. Appendices start on page 123. http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

4.1.47 IHS-NEWBORN HEARING SCREEN 2011

APPLICABLE TO: Patients age 0-12 months

REMINDER DUE: if patient is between 0 and 12 months and no newborn hearing screening is found (if documenting exam, requires documenting Newborn Hearing Exam for BOTH ears).

FREQUENCY: Once

RESOLUTION: This reminder resolves using the RPMS data found by the NEWBORN HEARING SCREENING Health Maintenance Reminder.

Refer to the PCC Health Summary User Manuals for the logic. Appendices start on page 123. http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

4.1.48 IHS-NUTRITIONAL SCREENING 2012

APPLICABLE TO: Patients age 70 and older

REMINDER DUE if patient is 70 or older and no Nutritional Risk Screening has been done in past year.

FREQUENCY: Annually

RESOLUTION: Nutritional Risk Screening is entered in PCC Data Entry using the NRS mnemonic.

4.1.49 IHS-OSTEOPOROSIS SCREEN 2011

APPLICABLE TO: Women 65 and older who do not have dx of osteopenia/osteoporosis, every 2 years

REMINDER DUE: Patient female, 65 and older without documented history of osteoporosis and no osteoporosis screening documented in past 2 years.

RESOLUTION: This reminder resolves using the RPMS data found by the OSTEOPOROSIS Health Maintenance Reminder.

Refer to the PCC Health Summary User Manuals for the logic. Appendices start on page 123. http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

4.1.50 IHS-PPD 2012

APPLICABLE TO: Patients age 4 years to 17 years

REMINDER DUE: Every 7 years for patients without a documented history or current diagnosis of tuberculosis at age 4 years and 11 years with no documented PPD. This reminder will continue to appear for patients through age 18, until the test is documented.

FREQUENCY: Two times; Once at age 4 years and once at age 11 years.

RESOLUTION: Documentation of a skin test in the computer

4.1.51 IHS-PAP SMEAR 2011

APPLICABLE TO: Patients age 21 to 65 years who have no history of hysterectomy

REMINDER DUE: For female patients with intact cervix

- Ages 21-29 if no Pap test documented in past 2 years
- Ages 30-64 if no Pap test documented in past 3 years

REMINDER ON: 3 months before due date

RESOLUTION: This reminder resolves using the RPMS data found by the PAP SMEAR Health Maintenance Reminder for Pap Smear.

Refer to the PCC Health Summary User Manuals for the logic. Appendices start on page 123. http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

4.1.52 IHS-RUBELLA IMMUNITY 2012

APPLICABLE TO: Patients 18-51

REMINDER DUE for Patients who are not documented as immune or with no documented Rubella immunization since age 1 year: Born in 1957 or later who are at least 18.

FREQUENCY: Once

RESOLUTION: This reminder resolves when the RUBELLA IMMUNIZATION Best Practice Prompt is no longer active. Documentation of Rubella immunization or immunity will inactivate the Best Practice Prompt and the reminder resolves.

Refer to the PCC Health Summary User Manuals for the logic. Appendices start on page 123. http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

4.1.53 IHS-SENIOR HEIGHT 2011

APPLICABLE TO: Patients age 50 and older

REMINDER DUE

- every 2 years from age 50-64
- every 1 year age 65 and older

REMINDER ON if due within 3 months

RESOLUTION: Vital Measurement of height documented

4.1.54 IHS-SENIOR VISION 2011

APPLICABLE TO: patients age 65 and older

REMINDER DUE: Patient over 65 and no vision screening (measurement, CPT, ICD)

REMINDER ON: 3 months before due date.

FREQUENCY: Annually

RESOLUTION: This reminder resolves using the RPMS data found by the VISUAL ACUITY EXAM Health Maintenance Reminder.

Refer to the PCC Health Summary User Manuals for the logic. Appendices start on page 123. http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

4.1.55 IHS-TOBACCO SCREEN 2011

APPLICABLE TO: All patients, all ages

REMINDER DUE: All patients and no tobacco screening, diagnosis or counseling (health factor, CPT or POV/Problem) documented in the past year.

REMINDER ON: 3 months before due date.

FREQUENCY: Annually

RESOLUTION: This reminder resolves using the RPMS data found by the TOBACCO USE SCREENING Health Maintenance Reminder.

Refer to the PCC Health Summary User Manuals for the logic. Appendices start on page 123. http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

4.1.56 IHS-VISION EXAM 2011

APPLICABLE TO: Patients age 7 to 9 years

REMINDER DUE if patient is between 7 and 9 and no vision exam has been recorded

FREQUENCY: Once

RESOLUTION: Documentation of vision exam codes

4.1.57 IHS-WEIGHT 2012

APPLICABLE TO: All patients, all ages.

REMINDER DUE

- every visit if under 6 months,
- every 2 months for ages 6 through 11 months
- every 3 months for ages 1 through 5 years
- every 6 months starting at age 6

REMINDER ON if due within 7 days.

RESOLUTION: Vital measurement for weight documented

4.2 Immunization Reminders

All immunizations in reminder definitions work the same way:

1. A computed finding will check the immunization forecaster.
2. Sites must install the 2012 Immunization Reminders from the Reminder Exchange onto their RPMS for the computed findings to work properly.
3. Sites must also verify that the Immunization Reminder Terms are populated properly. Some immunization package (BI namespace) patches deliver new vaccines and the existing Reminder Terms are not updated automatically.
4. The forecaster returns whether or not the reminder is due by checking the age, sex, date last immunization given and the schedule for childhood immunizations in the Immunization Package. It is not forecasted if there is a contraindication documented for the vaccine.
5. Resolution is documentation of the appropriate immunization or contraindication to the vaccine in the immunization package.

IMMUNIZATION	APPLICABLE TO	REMINDER DUE
IHS-HPV IMMUN 2012	11yrs-26yrs	REMINDER DUE if patient 11 to 26 years old AND Immunization forecaster indicates HPV is due. If male has had initial dose, 2nd and 3rd doses will be forecast by Immunization Forecaster
IHS-HEP A ADULT IMMUN 2012	18yrs and older	REMINDER DUE if patient 18 or older AND Immunization forecaster indicates Hep B is due
IHS-HEP B ADULT IMMUN 2012	20yrs and older	REMINDER DUE if patient 20 or older AND Immunization forecaster indicates Hep A is due
IHS-INFLUENZA IMMUN 2012	18yrs and older and no egg allergy	REMINDER DUE if patient age 18 or older AND NOT allergic to eggs AND Immunization forecaster indicated Flu is due
IHS-MENINGITIS IMMUN 2012	11yr-18yr	REMINDER DUE if age 11 to 18 years AND Immunization forecaster indicated MCV4 is due
IHS-PED DT IMMUN 2012	1m*-6yrs	REMINDER DUE if patient at least 6 weeks and < 7 years old AND Immunization forecaster indicates DT is due ***for patients unable to receive pertussis vaccine***
IHS-PED DTAP IMMUN 2012	1m*-6yrs	REMINDER DUE if patient at least 6 weeks and < 7 years old AND Immunization forecaster indicates DTaP is due
IHS-PED FLU IMMUN 2012	6mo-17Y and no egg allergy	REMINDER DUE if age 6 months to 17 years AND NOT allergic to eggs AND Immunization forecaster indicated Flu is due
IHS-PED HEPA IMMUN 2012	12mos-17yrs	REMINDER DUE if patient 12 mos and < 18 years old AND Immunization forecaster indicates Hep A is due
IHS-PED HEPB IMMUN 2012	2d-19yrs	REMINDER DUE if patient is 2 days to 19 years old AND Immunization forecaster indicates Hep B is due

IHS-PED HIBTITER 2012	1m*-59mos	REMINDER DUE if patient at least 6 weeks and < 5 years old AND Immunization forecaster indicates HIB is due
IHS-PED MMR IMMUN 2012	12m-18yrs	REMINDER DUE if patient 12 months to 18 years AND Immunization forecaster indicates MMR is due
IHS-PED PEDVAXHIB 2012	1m*-59mos	REMINDER DUE if patient 6 weeks to 59 months AND immunization forecaster indicates Pedvaxhib is due.
IHS-PED PNEUMOCOCCAL 2012	1m*-59mos	REMINDER DUE if patient 6 weeks to 59 months old AND Immunization forecaster indicates Pneumococcal is due
IHS-PED POLIO IMMUN 2012	1m*-18yrs	REMINDER DUE if patient between 6 weeks and 18 yrs of age AND Immunization forecaster indicates IPV is due
IHS-PED ROTAVIRUS 2012	1m*-32wks	REMINDER DUE if patient is 6 to 32 weeks old AND Immunization forecaster indicates Rotavirus is due
IHS-PED VARICELLA 2012	12mos-18yrs	REMINDER DUE if patient is 12 months to 18 years old AND Immunization forecaster indicates Varicella is due
IHS-PNEUMOVAX IMMUN 2012	5yrs-64 yrs, and >65yrs	REMINDER DUE if patient 65 or older AND Immunization forecaster indicates Pneumovax is due REMINDER DUE for patients 5-64 and older AND Immunization forecaster is set to forecast for 5-64 or if the immunization forecaster is set to forecast 5-64 year olds who have had two visits in the past 3 years for high risk medical condition.
IHS-TD IMMUN 2012	7 and older	REMINDER DUE if patient age 7 and older AND Immunization forecaster indicates Tetanus vaccine is due
IHS-TDAP IMMUN 2012	7 and older	REMINDER DUE if patient age 7 and older AND Immunization forecaster indicates Tdap is due
IHS-ZOSTER IMMUN 2012	60 and older	REMINDER DUE if patient age 60 and older AND Immunization forecaster indicates Zoster vaccine is due

4.3 National Reminder Dialogs

4.3.1 IHS-ACTIVITY SCREEN 2011

Activity screen is new. This dialog allows the reminder to be resolved by entering a health factor AND patient education.

Figure 4-2: Activity Screen dialog

4.3.2 IHS-ALCOHOL SCREEN 2012

The alcohol screen includes use guidance and ability to document the following: Alcohol Screening Exam, CRAFFT, AUDIT-C, AUDIT, CAGE, and Brief Negotiated Interview.

CRAFFT is a copyrighted tool. You CANNOT change the dialog in any way or this violates copyright. CRAFFT is documented as a measurement.

<http://www.ceasar-boston.org/clinicians/crafft.php>

AUDIT is documented as a measurement.

<http://www.ceasar-boston.org/clinicians/crafft.php>

AUDIT-C is documented as a measurement. See ASBI guide below.

Information about Alcohol Screening and Brief Intervention (ASBI) please refer the following resources:

<http://www.ihs.gov/NonMedicalPrograms/NC4/index.cfm?module=asbi>

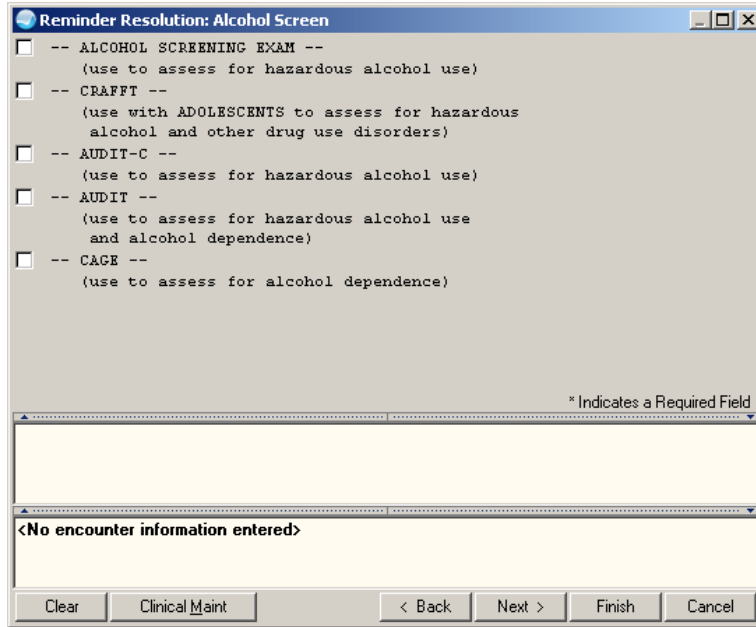


Figure 4-3: Alcohol Screen Start dialog

All of the screening tools now contain an interview, patient education and referrals.

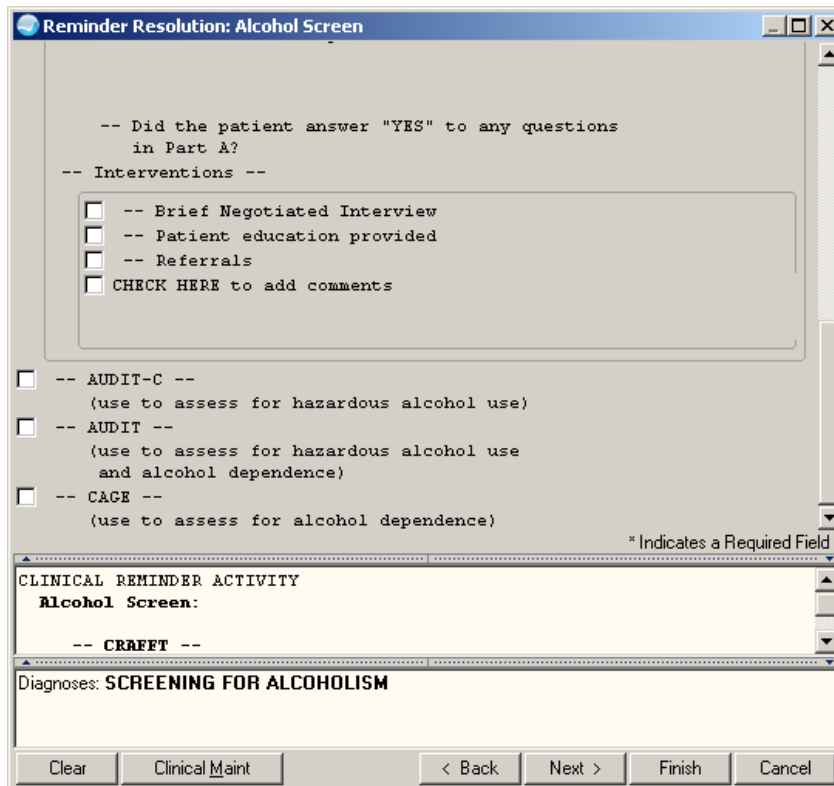


Figure 4-4: Alcohol Screen expanded

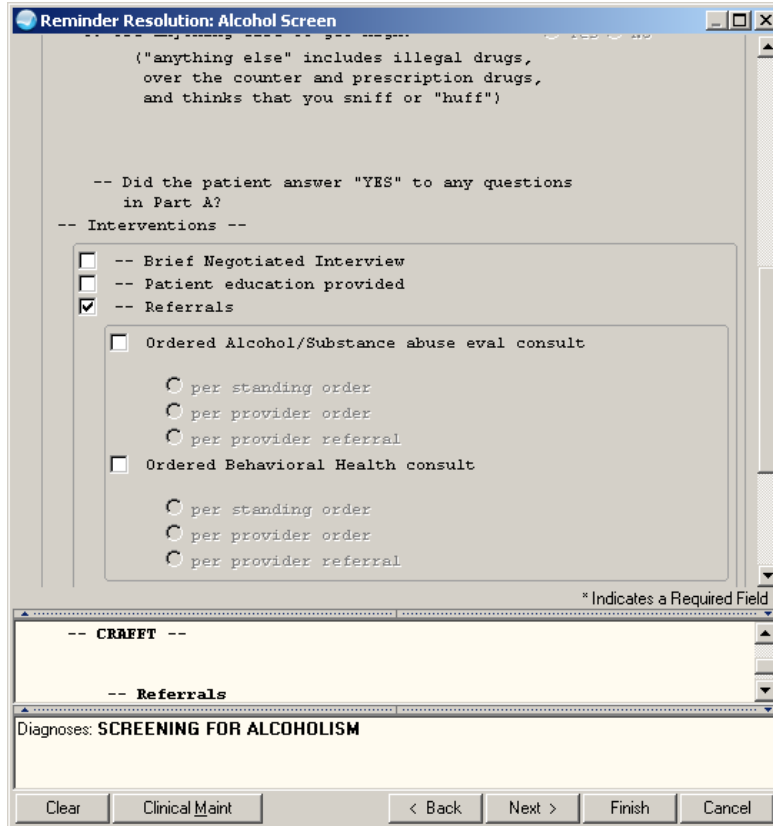


Figure 4-5: Alcohol Screen Orders

4.3.3 IHS-ALLERGY 2012

Information only dialog

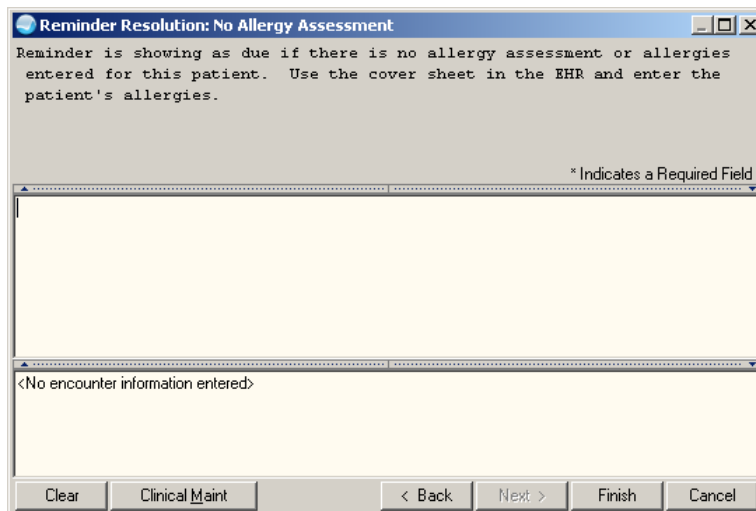


Figure 4-6: No Allergy Assessment dialog

4.3.4 IHS-ANTICOAG

This is a new dialog. All of the ANTICOAG dialogs use the same dialog which contains orders for CBC, urinalysis, and fecal occult blood as well as information on where to enter the other data to resolve the reminder.

- CBC 2011
- DURATION OF TX 2011
- INR GOAL 2011
- OCCULT BLOOD 2011
- THERAPY END DATE 2011
- UA 2011

```

Anticoagulation therapy monitoring
-- INR Goal:
    Enter using PCC Data Entry mnemonic ACTH

-- Duration of Anti-Coagulation Therapy:
    Enter using PCC Data Entry mnemonic ACTH

-- Therapy end date:
    Extend duration of therapy if indicated using
    PCC Data Entry mnemonic ACTH

INR:      1.1

-----
 -- Ordered INR
     per standing order
     per provider order
     per provider referral
 -- Ordered CBC
     per standing order
     per provider order
     per provider referral
 -- Ordered Fecal Occult Blood test
     per standing order
     per provider order
     per provider referral
 -- Ordered Urinalysis
     per standing order
     per provider order
     per provider referral
 -- Education provided --
     Anticoagulation-Medication education provided at this encounter.
     Anticoagulation-Nutrition education provided at this encounter.
     Anticoagulation-Follow up education provided at this encounter.
  
```

Figure 4-7: Anticoagulation dialog

4.3.5 IHS-ASTHMA CONTROL 2011

This dialog allows resolution of the asthma control reminder. EHR patch 10 will introduce the ability to document asthma control, asthma purpose of visit, and add

asthma as an active problem. The dialog is being delivered but cannot be used for entry until EHR patch 10 is released. Sites will then need to remove the DO NOT USE UNTIL EHR PATCH 10 warning.

Reminder Resolution: Asthma Control

REMINDER ON : if patient has asthma and does not have Asthma Control documented in the past year . Asthma control should be documented at each asthma visit using the Reminder Dialog or Visit Diagnosis dialog.

DO NOT USE UNTIL EHR PATCH 10

Asthma is well controlled. Comment:

Asthma is not well controlled.

Asthma is very poorly controlled.

ASTHMA DIAGNOSIS

TODAYS POV

Selectable Diagnoses: *

Primary Diagnosis Comment:

Add to Problem List

* Indicates a Required Field

Asthma Control:
 Asthma is well controlled.
 ASTHMA DIAGNOSIS
 TODAYS POV
 Selectable Diagnoses: Extrinsic Asthma, Unspecified (493.00)
 Primary Diagnosis
 Add to Problem List

Clear Clinical Maint < Back Next > Finish Cancel

Figure 4-8: Asthma Control dialog

4.3.6 IHS-ASTHMA ACTION PLAN 2011

Asthma management documentation has been changed to use the Asthma Self-Management Plan patient education topic.

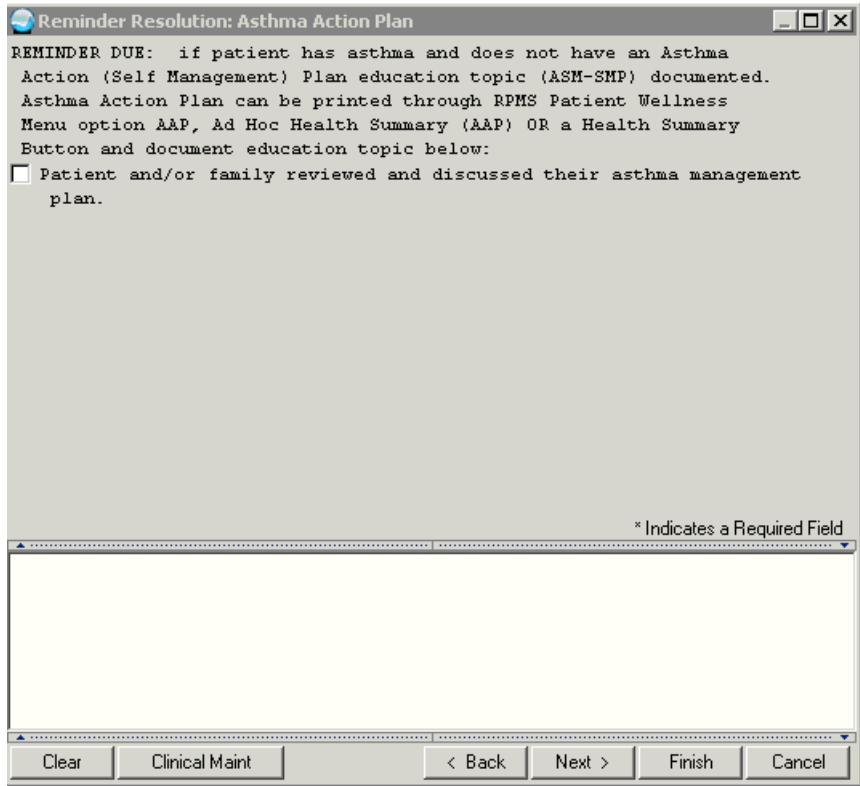


Figure 4-9: Reminders Resolution Asthma Action Plan window

4.3.7 IHS-ASTHMA PRIM PROV 2012, IHS-ASTHMA RISK EXACERBATION 2011, IHS-ASTHMA SEVERITY 2012

These dialogs do not have any data entry. The user is instructed on what actions need to be taken in PCC or in other components in the EHR to resolve the reminder

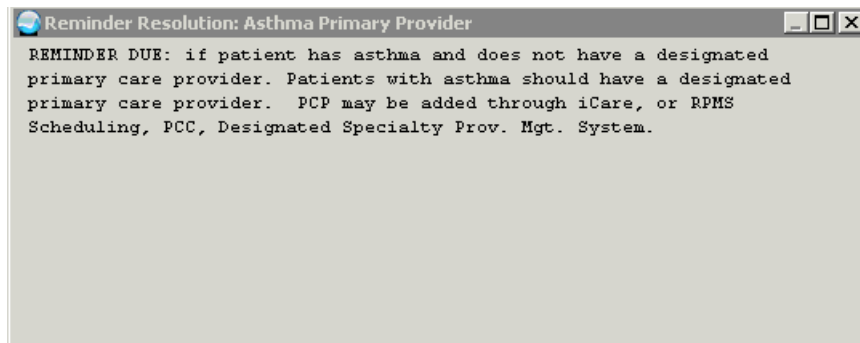


Figure 4-10: Reminder Resolution Asthma Primary Provider

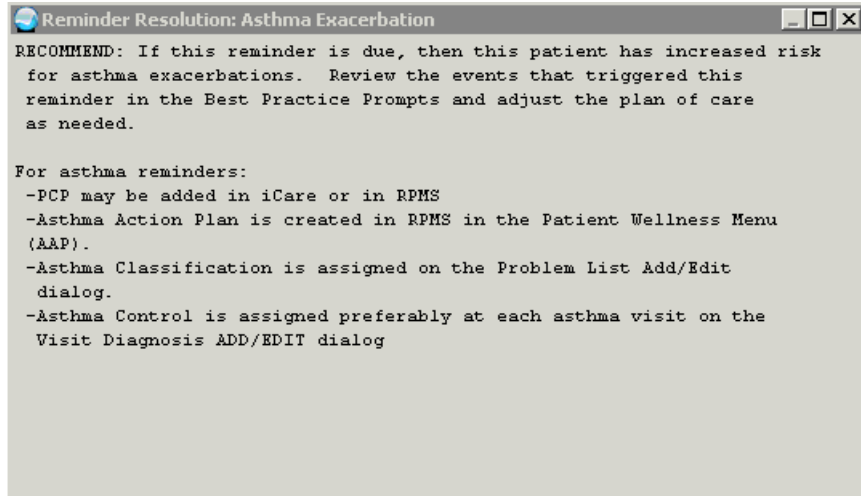


Figure 4-11: Reminder Resolution Asthma Exacerbation

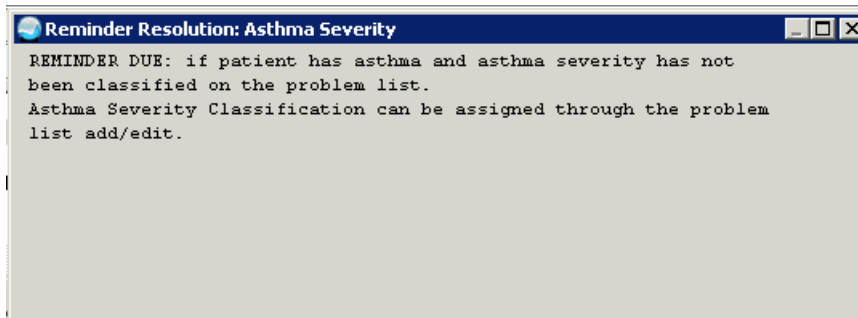


Figure 4-12: Reminder Resolution Asthma Severity

4.3.8 IHS-ASTHMA STEROID 2012

This dialog provides allows documentation of a steroid medication order. Sites need to make an order menu for Asthma Steroid Meds.

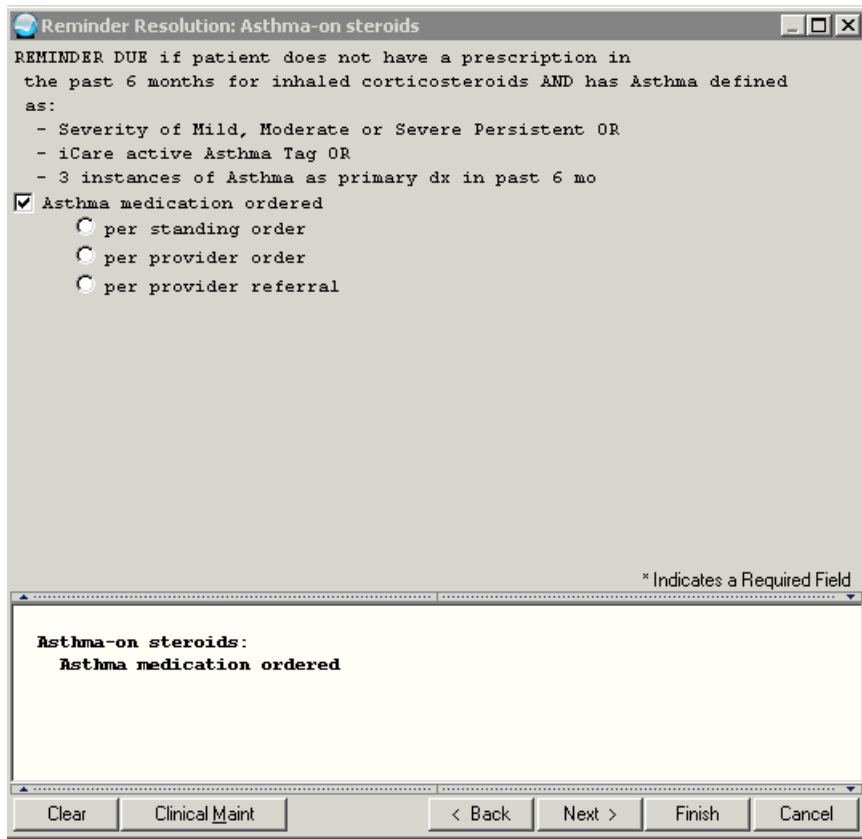


Figure 4-13: Asthma Steroids dialog

4.3.9 IHS-BLOOD PRESSURE 2012

This dialog allows documentation of the blood pressure.

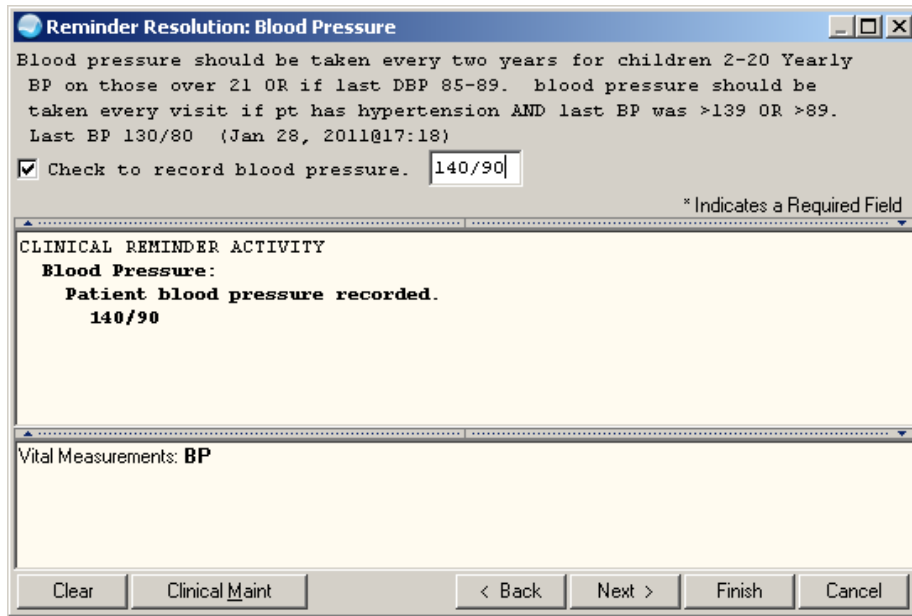


Figure 4-14: Blood Pressure dialog

4.3.10 IHS-CHLAMYDIA SCREEN 2011

This dialog allows documentation of a chlamydia lab test order and patient education.

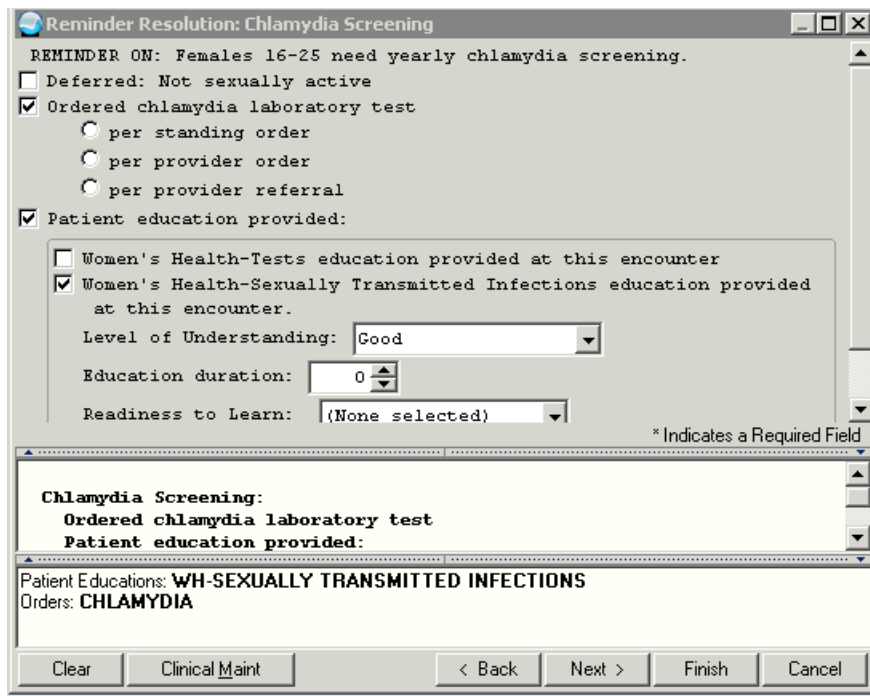


Figure 4-15: Chlamydia Screen dialog

4.3.11 IHS-COLON CANCER 2012

This dialog allows documentation of colon cancer screening and education. The dialog has been expanded to include documentation of implementation of standing order.

Figure 4-16: Colon Cancer dialog

4.3.12 IHS-CVD 2011

The reminder is based on an iCare CVD diagnostic tag. The dialog contains the CVD-TP object which displays active PCC Best Practice prompts for CVD and allows documentation of items that are needed to resolve the PCC Best Practice prompts.

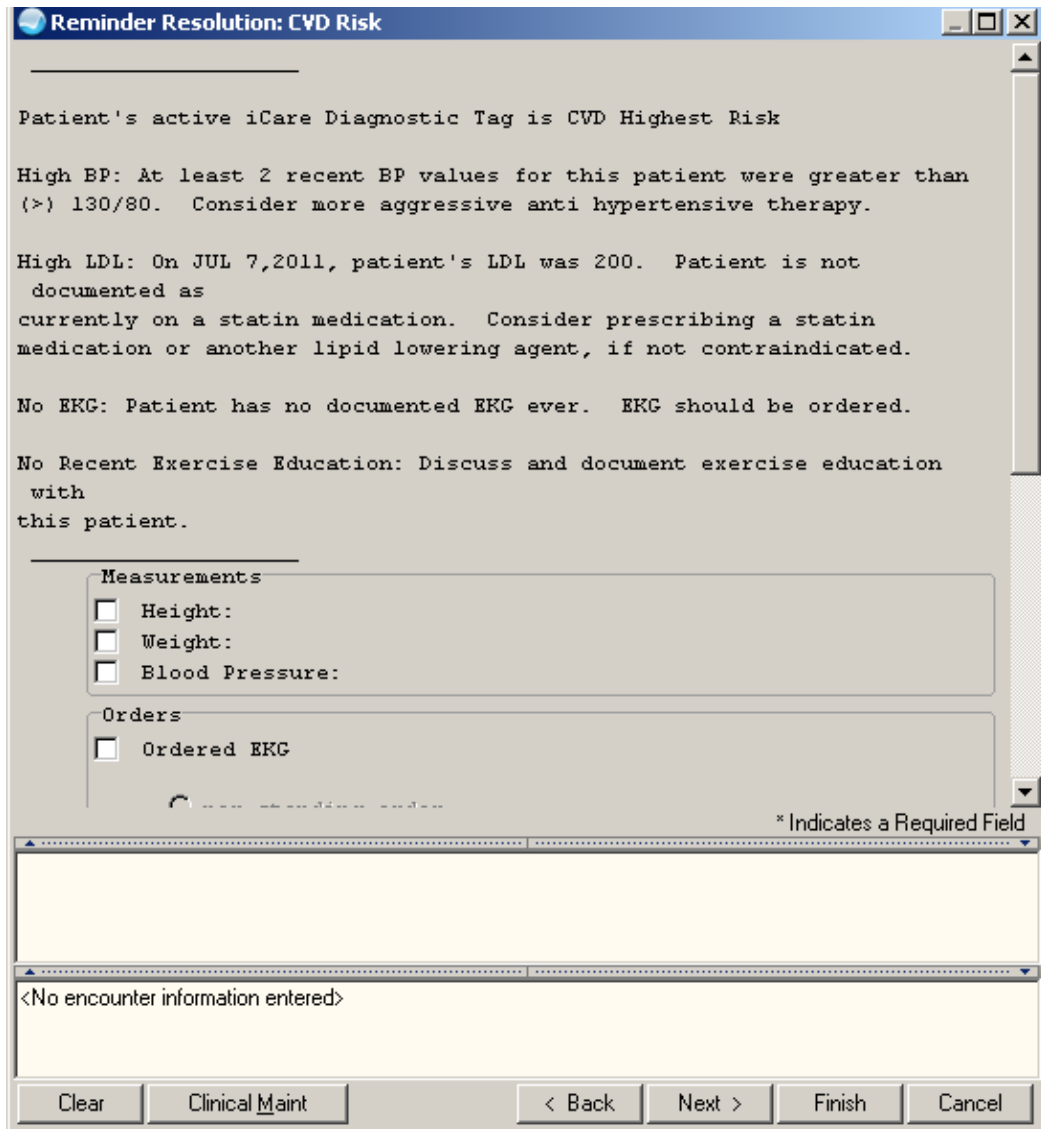


Figure 4-17: CVD dialog Part 1

Figure 4-18: CVD dialog Part 2

4.3.13 IHS-DENTAL VISIT 2011

The dental visit dialog allows documentation of a current or historical dental exam.

Reminder Resolution: Dental Visit

All patients should have a yearly dental visit.

Check below to document that the patient has seen a dentist in the last year.

Patient had a dental exam done outside this facility in the last year.

Exam Result: (None selected)

Date: * [Month] [Day] 2009 [Year]

Location: [Dropdown]

Comment: [Text Area]

* Indicates a Required Field

CLINICAL REMINDER ACTIVITY

Dental Visit:
Patient had a dental exam done outside this facility in the last year.

Examinations: **DENTAL EXAM (Historical)**

Clear Clinical Maint < Back Next > Finish Cancel

Figure 4-19: Reminder Resolution Dental Visit dialog

4.3.14 IHS-DEPO PROVERA 2012

This is a new reminder dialog for documenting Depo Provera administration. The PXRМ DEPO PROVERA object displays the reminder information for this patient. The dialog includes a screening section and an assessment section as well as documentation of patient education and CPT for the administration of Depo Provera. It is important that sites review the documentation tool and copy/edit as needed to comply with their facility policies and procedures.

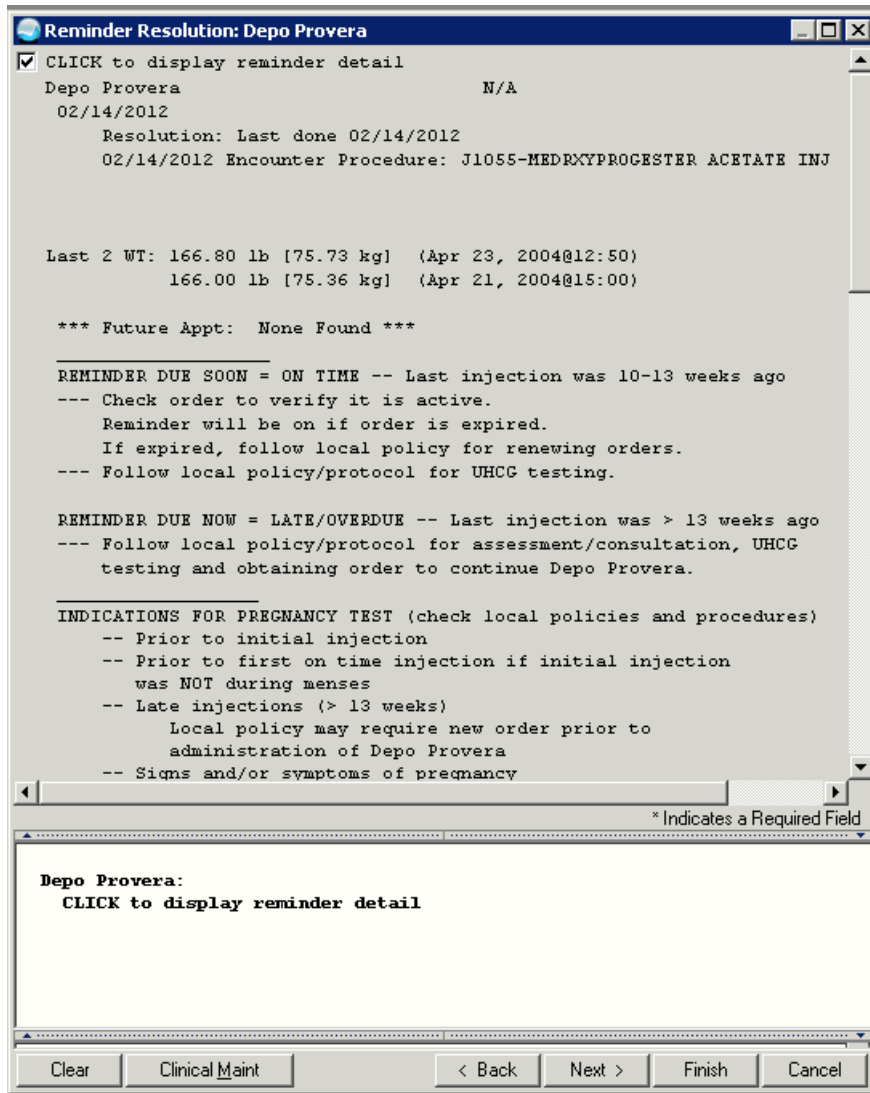


Figure 4-20: Depo Provera dialog with Reminder Detail

Reminder Resolution: Depo Provera

CLICK to display reminder detail

DEPO PROVERA EVALUATION: ABBOTT, MARY SUE FEB 3, 1984
02/14/12 10:59

SUBJECTIVE
Chief Complaint: No Chief Complaint.
-- Years/Months using DMPA []
-- Date of last DMPA injection: [] ...
-- Weeks since last injection
 N/A
 10-13 wks (on time)
 >13 weeks (late)

SCREENING:
-- Reports the following relative/absolute contraindications
(refer to provider for positive response)
*

- NONE
- Known hypersensitivity reaction to DMPA
- Known or suspected pregnancy
- Desire to become pregnant in next 1-2 years
- Undiagnosed abnormal vaginal bleeding
- Current DVT or PE
- Current anticoagulation therapy
- History of MI or CVA
- Uncontrolled hypertension (SBP over 160 or DBP over 110)
- Known or suspected breast cancer
- Liver disease
- Current aminoglutethimide therapy

* Indicates a Required Field

Depo Provera:

DEPO PROVERA EVALUATION: ABBOTT, MARY SUE FEB 3, 1984
02/14/12 10:59

SUBJECTIVE
Chief Complaint: No Chief Complaint.

Clear Clinical Maint < Back Next > Finish Cancel

Figure 4-21: Depo Provera dialog Screening section

Figure 4-22: Depo Provera dialog Order and Education sections

4.3.15 IHS-DEPRESSION SCREENING 2011

This dialog allows documentation of depression screening exam and PHQ-2 score.

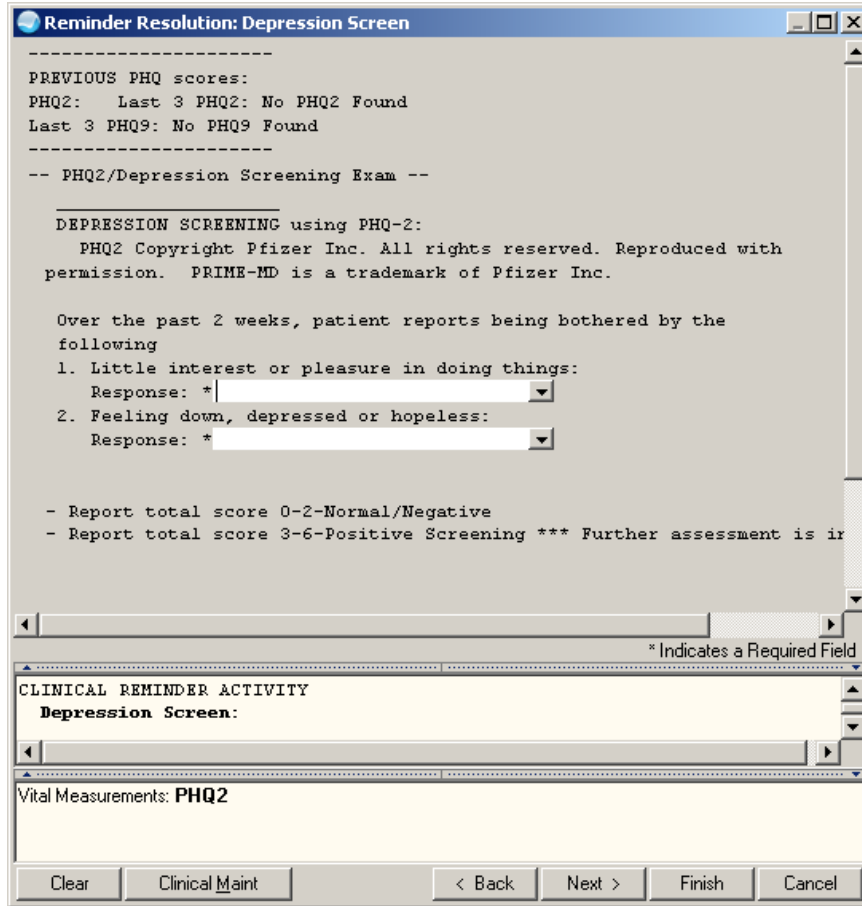


Figure 4-23: Depression screen dialog

4.3.16 IHS-DIAB ACE/ARB 2012

This dialog allows documentation of an ACE/ARB medication order. Sites need to make an order menu for ACE/ARB.

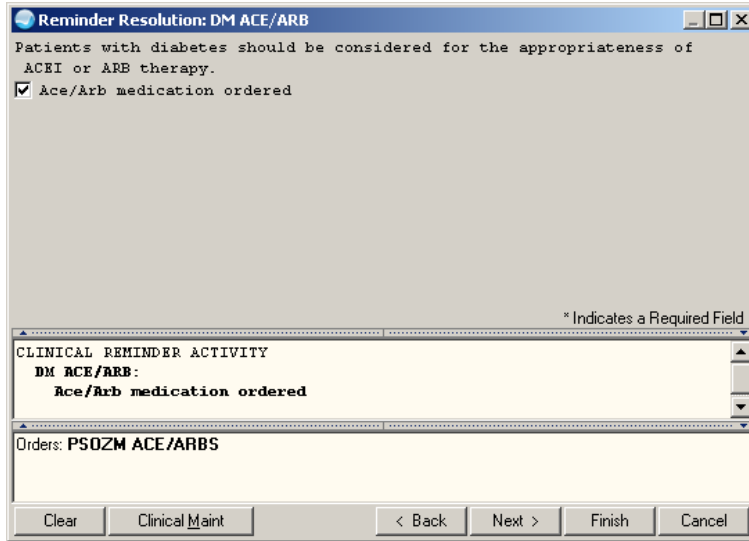


Figure 4-24: Diabetes ACE/ARB dialog

4.3.17 IHS-DIAB ANTPLT KNOWN CVD 2012

This dialog allows documentation of Aspirin or Clopidogrel orders.

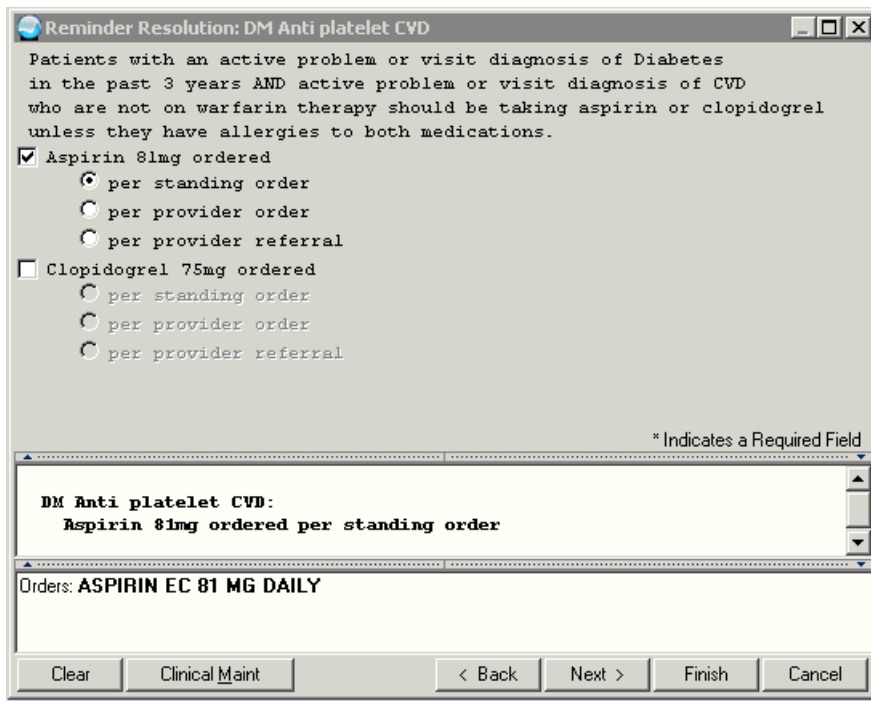


Figure 4-25: Diabetes Anti-platelet Therapy dialog

4.3.18 IHS-DIAB ASPIRIN (MALE/FEMALE) 2011

This dialog allows documentation of an aspirin order.

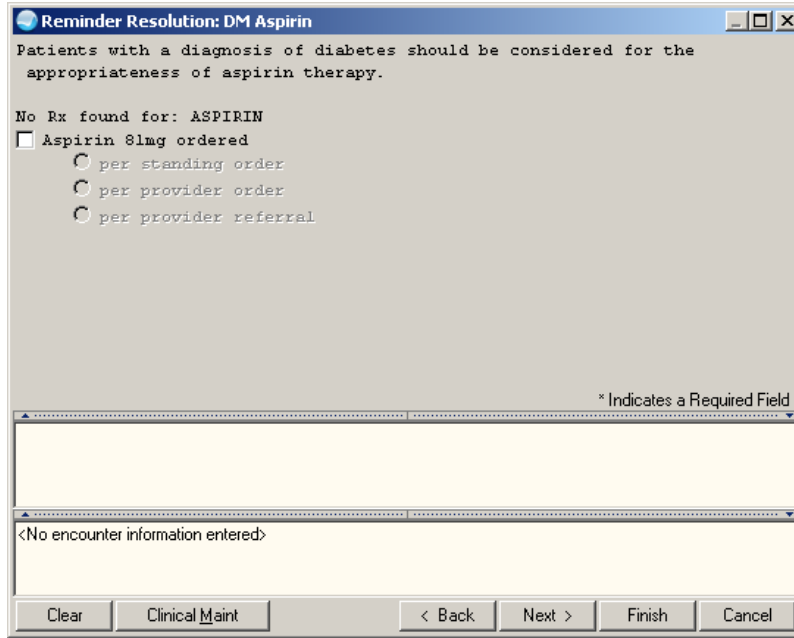


Figure 4-26: Diabetic Aspirin dialog

4.3.19 IHS-DIAB BP CONTROL 2012

This dialog allows documentation of blood pressure.

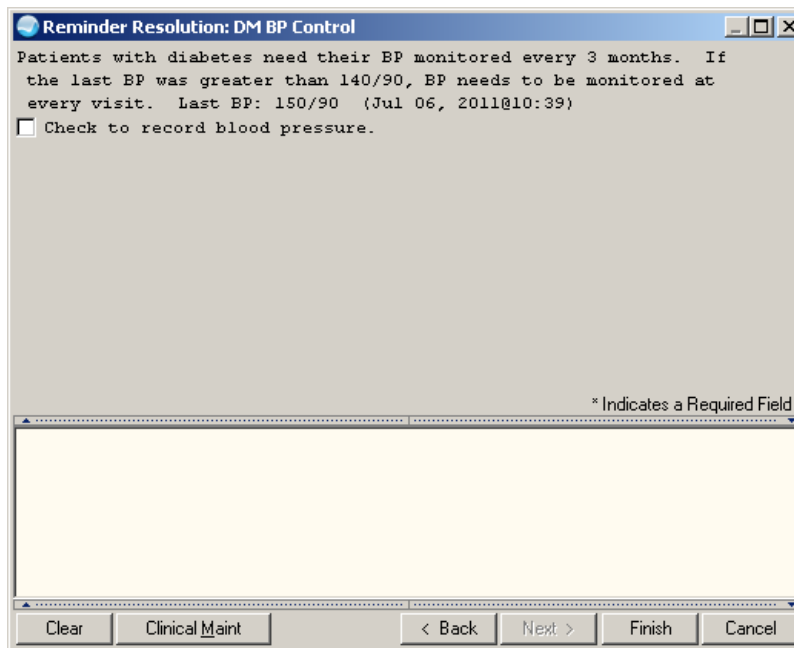


Figure 4-27: Diabetes BP Control dialog

4.3.20 IHS-DIAB EYE EXAM 2011

This dialog allows documentation of fundoscopic eye exams.

Reminder Resolution: DM Eye Exam

Fundoscopie eye exams should be done yearly on patients with diabetes

Patient had a dilated pupil eye exam at this encounter.

Result of Exam: * (None selected)

Comment:

Patient had a complete dilated pupil eye exam done previously

* Indicates a Required Field

CLINICAL REMINDER ACTIVITY

DM Eye Exam:
Patient had a dilated pupil eye exam at this encounter.

Examinations: **DIABETIC EYE EXAM**

Clear Clinical Maint < Back Next > Finish Cancel

Figure 4-28: Diabetic Eye Exam dialog

4.3.21 IHS-DIAB FOOT EXAM 2011

This dialog has been enhanced and allows documentation of foot exam and patient education.

Reminder Resolution: DM Foot Exam

Diabetic patients should have a complete diabetic foot exam done yearly. This includes a visual exam, sensory exam, and pedal pulses.

Last foot exam: None Found

Patient had a complete diabetic foot exam at this visit.

Exam Result: (None selected)

Visual inspection of feet was done at this visit.

Result: Normal Abnormal

Patient's feet were examined for sensation.

Type of exam: Monofilament Pinprick

Pedal pulses were accessed.

Results: Normal Abnormal

Patient had a complete diabetic foot exam done previously.

Patient was educated about diabetic foot care. Instruction was given in how to exam the feet, the wearing of socks and shoes, signs of problems and when to see a provider.

* Indicates a Required Field

CLINICAL REMINDER ACTIVITY
DM Foot Exam:
Complete Diabetic foot exam

Examinations: **DIABETIC FOOT EXAM, COMPLETE**

Clear Clinical Maint < Back Next > Finish Cancel

Figure 4-29: Diabetic Foot Exam dialog

4.3.22 IHS-DIAB HGBA1C and IHS-DIAB HGBA1C CONTROL 2012

This dialog has been expanded to include documentation of implementation of standing order.

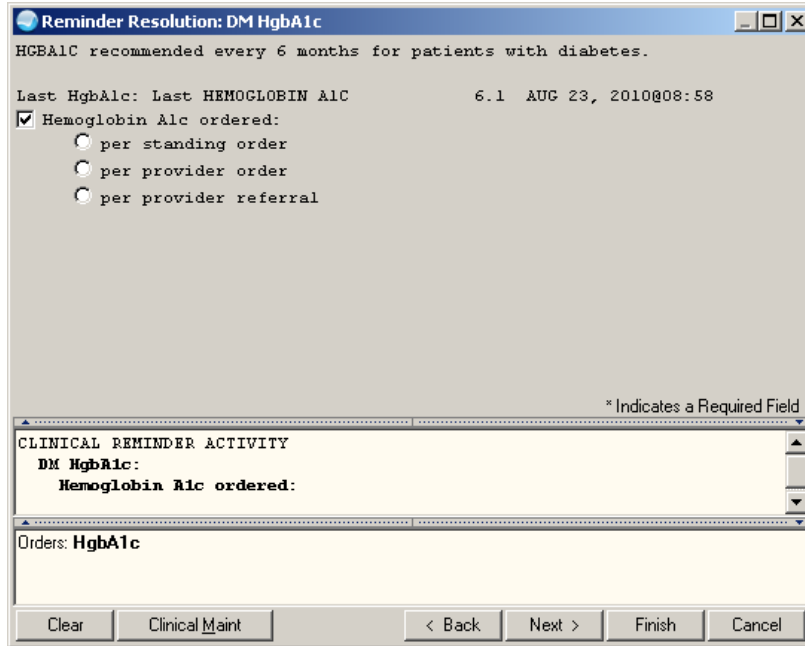


Figure 4-30: Diabetic Hgba1c dialog

4.3.23 IHS-DIABETES SCREENING 2011

This dialog has been expanded to include documentation of implementation of standing order.

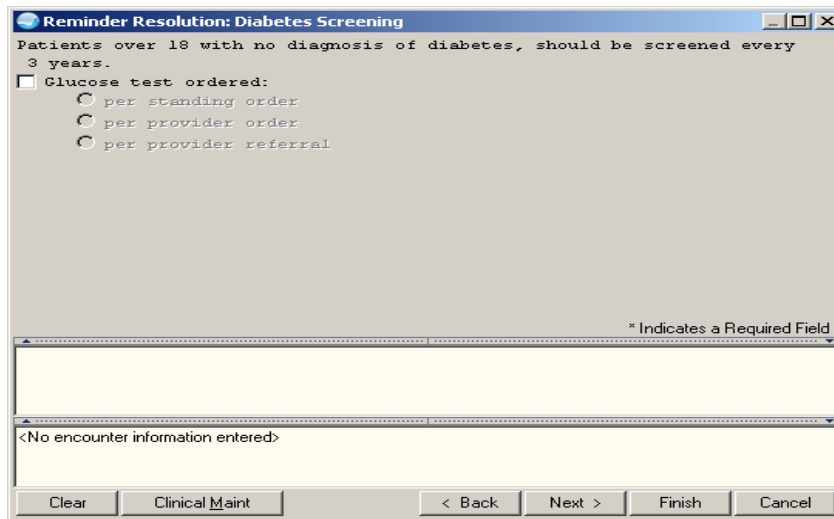


Figure 4-31: Diabetes Screening dialog

4.3.24 IHS-DIAB NEPHRO SCR/MON 2012

The Microalbumin reminder has been retired and replaced with this reminder and dialog. This dialog allows documentation of nephropathy lab test orders. Sites need to make an order menu which contains the nephropathy labs that are being used at the

facility. The reminder is resolved by Urine albumin and eGFR. eGFR is calculated from creatinine.

Reminder Resolution: DM Nephropathy Screen

REMINDER DUE Diabetes DX in past 3 years and NO long term dialysis AND no quant urine albumin(UACR) AND eGFR in past year.

Nephropathy tests ordered:

per standing order

per provider order

per provider referral

* Indicates a Required Field

CLINICAL REMINDER ACTIVITY

DM Nephropathy Screen:
Nephropathy tests ordered:

Orders: **Diabetic Nephropathy Tests**

Clear Clinical Maint < Back Next > Finish Cancel

Figure 4-32: Diabetic Nephropathy dialog

4.3.25 IHS-DOMESTIC VIOLENCE 2012

This dialog allows documentation of domestic violence screening exam and education.

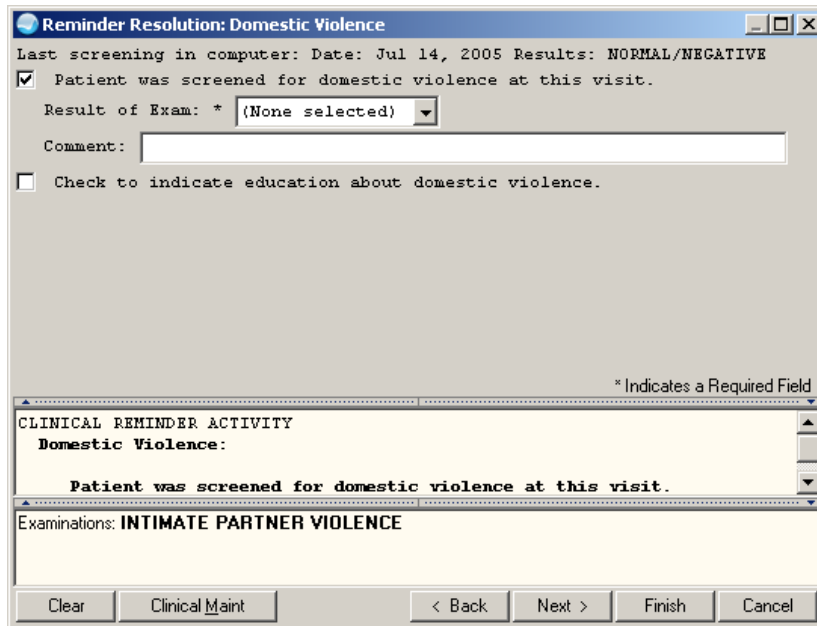


Figure 4-33: Domestic Violence dialog

4.3.26 IHS-EPSDT SCREENING 2012

This is an information only dialog.

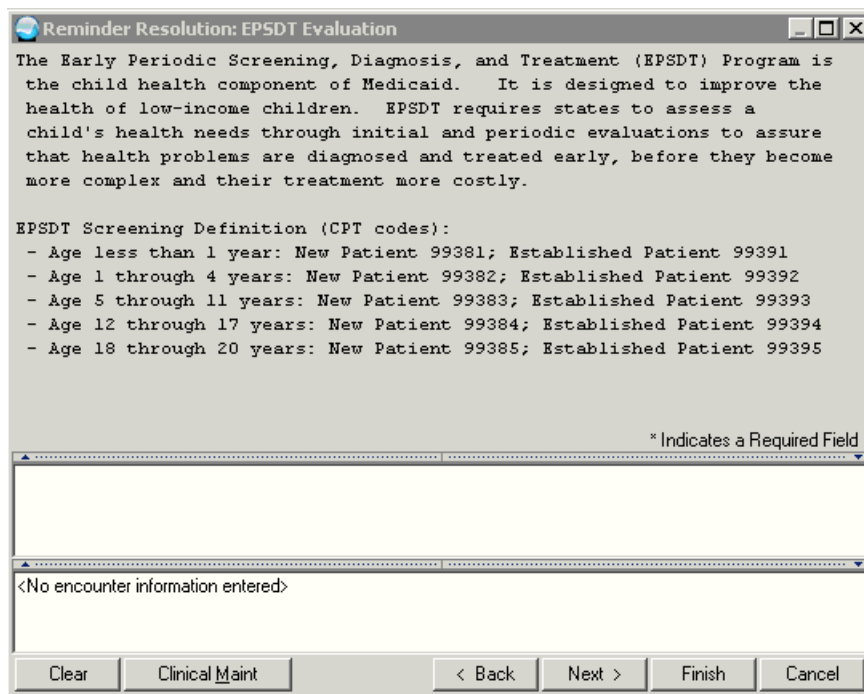


Figure 4-34: EPSDT dialog

4.3.27 IHS-FALL RISK SCREEN 2011

Resolution is Exam code.

Figure 4-35: Fall risk dialog

4.3.28 IHS-FUNCTIONAL ASSESSMENT 2011

This is an information only dialog.

Figure 4-36: Functional Assessment dialog

4.3.29 IHS-HCT/HGB 2011

This dialog has been expanded to include documentation of implementation of standing order.

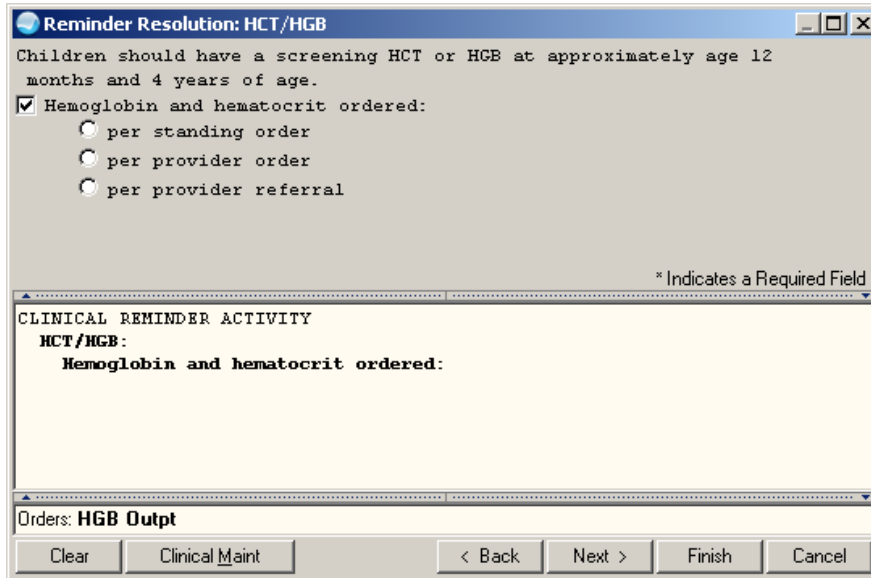


Figure 4-37: HGB/HCT dialog

4.3.30 IHS-HEAD CIRCUMFERENCE 2012

This dialog allows documentation of the head circumference.

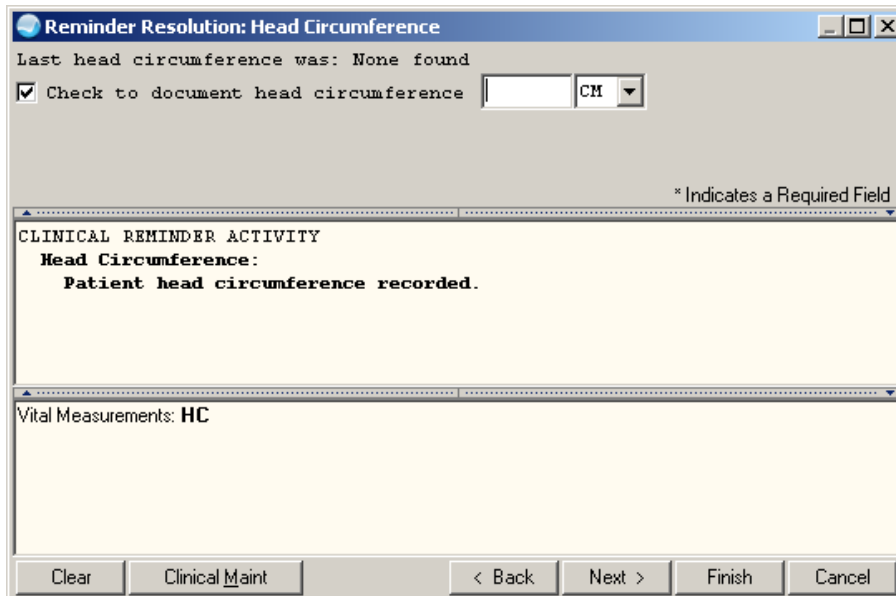


Figure 4-38: Head Circumference dialog

4.3.31 IHS-HEARING TEST 2011

This dialog allows documentation of the hearing test.

Figure 4-39: Hearing Test dialog

4.3.32 IHS-HEIGHT 2012

This dialog allows resolution of the reminder by entry of height.

Figure 4-40: Height dialog

4.3.33 IHS-HIV SCREEN 2012

This is new dialog includes an order for HIV screening test to resolve the reminder and patient education documentation.

Reminder Resolution: HIV Screen

Patient is 13 or older and no HIV Screen on file. Reminder is based on a PCC data collection routine.

Ordered HIV screening test

- per standing order
- per provider order
- per provider referral

HIV-Test education provided at this encounter.

Level of Understanding:

Education duration:

Readiness to Learn:

Comment:

* Indicates a Required Field

HIV Screen:
 Educated patient about HIV screening.
 Level of Understanding: Good

Clear Clinical Maint < Back Next > Finish Cancel

Figure 4-41: HIV Screen dialog

4.3.34 IHS-IMMUNIZATIONS

All the immunizations use the same type of dialog. Only one will be displayed here but they should all be essentially the same. Users can document an immunization given during the visit, at a previous visit or a refusal. Education can also be documented. This dialog has been expanded to include documentation of implementation of standing order.

Reminder Resolution: IPV Immunization

Immunizations Due: HEP B PED (past due)
DTaP (past due)
HIB,NOS (past due)
IPV (past due)
PCV-13 (past due)
FLU-TIV (past due)

Check to document immunization information

Patient received IPV immunization at this visit

- per standing order
- per provider order
- per provider referral .

Lot Number: * 1233

Imm Site: * Left thigh in

Injection Volume: 0.50

Vacc Info Sheet Date: 01-Jan-2000 ...

Comment:

Patient/family indicated IPV immunization was received at another facility.

Patient/family refused ipv immunization at this visit.

Check to document immunization education done at this visit.

- Vaccination literature given.
- Information given on benefits, side effects and post immunization care
- Information on following the required schedule for vaccinations
- Education about importance of staying current on immunizations

* Indicates a Required Field

IPV Immunization:
Immunization information:
Patient received IPV immunization at this visit per standing order.

Immunizations: IPV

Clear Clinical Maint < Back Next > Finish Cancel

Figure 4-42: Immunization received at this visit-dialog

Reminder Resolution: IPV Immunization

Immunizations Due: HEP B PED (past due)
 DTaP (past due)
 HIB,NOS (past due)
 IPV (past due)
 PCV-13 (past due)
 FLU-TIV (past due)

Check to document immunization information

Patient received IPV immunization at this visit
 per standing order
 per provider order
 per provider referral .

Patient/family indicated IPV immunization was received at another facility.
 Date: * January 1 2011
 Location: 2 Grey Hills Headstart
 Comment:

Patient/family refused ipv immunization at this visit.
 Comment:
 Reason for refusal: * Declined service

Check to document immunization education done at this visit.

Vaccination literature given.
 Information given on benefits, side effects and post immunization care
 Information on following the required schedule for vaccinations
 Education about importance of staying current on immunizations

* Indicates a Required Field

IPV Immunization:
Immunization information:
 Patient/family indicated IPV immunization was received at another

Immunizations: IPV, IPV (Historical)

Clear Clinical Maint < Back Next > Finish Cancel

Figure 4-43: Immunization received at another facility and refused at this visit dialog

4.3.35 IHS-LIPID FEMALE/MALE 2012

This dialog has been expanded to include documentation of implementation of standing order.

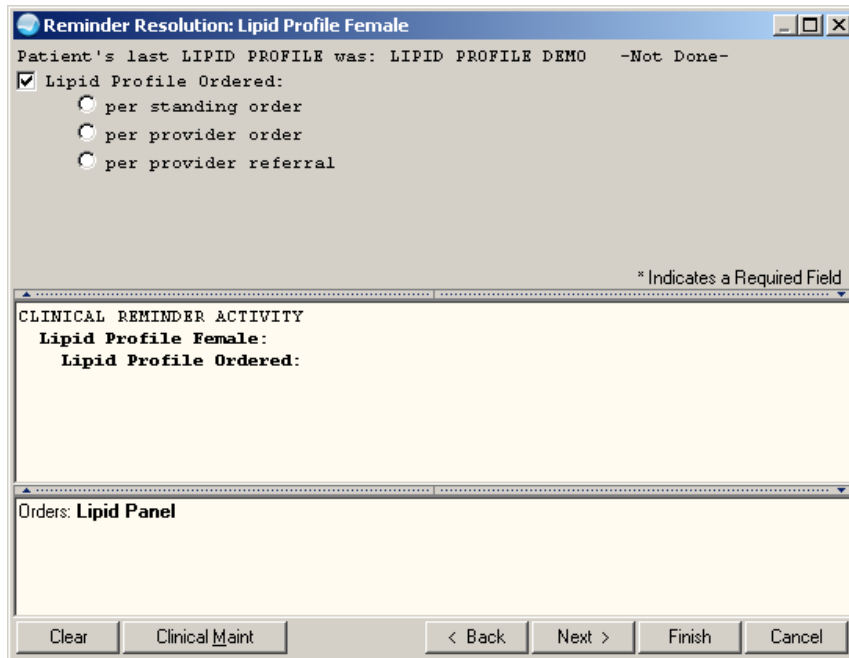


Figure 4-44: Lipid dialog

4.3.36 IHS-MAMMOGRAM 2011

This dialog allows resolution by order of mammogram for ages 50-74, education or mammogram for ages 40-49 or aged 75 and older. Dialog was updated to also include documentation of BIRAD category for historical mammograms.

Reminder Resolution: Mammogram

MAMMOGRAM ORDERED

Mammogram ordered:

- per standing order
- per provider order
- per provider referral

MAMMOGRAM NOT ORDERED TODAY

- SCHEDULED - Patient has mammogram scheduled already.
- REFERRAL DONE - Referral already given to patient at previous visit.
- EDUCATION - Discussed risks and benefits of mammography

HISTORICAL DATA

- HISTORICAL Screening Mammogram reported
- HISTORICAL Unilateral Diagnostic Mammogram reported
- HISTORICAL Bilateral Diagnostic Mammogram reported

CHECK HERE to add comments

* Indicates a Required Field

Mammogram:
Mammogram ordered: per standing order

Clear Clinical Maint < Back Next > Finish Cancel

Figure 4-45: Mammogram order dialog

Reminder Resolution: Mammogram

MAMMOGRAM ORDERED

Mammogram ordered:

- per standing order
- per provider order
- per provider referral

MAMMOGRAM NOT ORDERED TODAY

SCHEDULED - Patient has mammogram scheduled already.

Comment:

REFERRAL DONE - Referral already given to patient at previous visit.

EDUCATION - Discussed risks and benefits of mammography

HISTORICAL DATA

HISTORICAL Screening Mammogram reported

HISTORICAL Unilateral Diagnostic Mammogram reported

HISTORICAL Bilateral Diagnostic Mammogram reported

CHECK HERE to add comments

* Indicates a Required Field

Mammogram:
SCHEDULED - Patient has mammogram scheduled already.

Clear Clinical Maint < Back Next > Finish Cancel

Figure 4-46: Mammogram not ordered dialog

Reminder Resolution: Mammogram

MAMMOGRAM ORDERED

Mammogram ordered:

- per standing order
- per provider order
- per provider referral

MAMMOGRAM NOT ORDERED TODAY

SCHEDULED - Patient has mammogram scheduled already.

REFERRAL DONE - Referral already given to patient at previous visit.

EDUCATION - Discussed risks and benefits of mammography

HISTORICAL DATA

HISTORICAL Screening Mammogram reported

Date: * January 3, 2012

Location: * Other

Results and Source of info: * Per report BI-RADS 0

- Per report BI-RADS 0
- Per report BI-RADS 1
- Per report BI-RADS 2
- Per report BI-RADS 3
- Per report BI-RADS 4
- Per report BI-RADS 5
- Per patient-Normal
- Per patient-Needs addl imaging
- Per patient-No interval change
- Per patient-Results unknown

HISTORICAL Unilateral Diagnostic Mammogram reported

HISTORICAL Bilateral Diagnostic Mammogram reported

* Indicates a Required Field

Mammogram:

HISTORICAL Screening Mammogram reported

Date: January 3, 2012

Location: Other

Clear Clinical Maint < Back Next > Finish Cancel

Figure 4-47: Historical Mammogram Documentation

4.3.37 IHS-NEWBORN HEARING 2011

New dialog allows documentation of newborn hearing. Vital Sign resolution-must be documented in both ears.

Reminder Resolution: Newborn Hearing

All babies need to have a hearing screen done before they are one year of age. *** Both left and right side exams are REQUIRED ***

New born hearing exam must be done for both left and right ears.

Left side hearing exam:

Right side hearing exam:

Patient had newborn hearing exam done previously.

* Indicates a Required Field

Newborn Hearing:
Patient had newborn hearing exam done at this encounter.

<No encounter information entered>

Clear Clinical Maint < Back Next > Finish Cancel

Figure 4-48: Newborn Hearing dialog

4.3.38 IHS-NUTRITIONAL SCREENING 2012

This is a new information only dialog.

Reminder Resolution: Nutritional Screening

Patient is 70 or older and does not have a nutritional screen in PCC in the last 2 years. Nutritional screenings are entered through PCC using the NRS mnemonic.

* Indicates a Required Field

<No encounter information entered>

Clear Clinical Maint < Back Next > Finish Cancel

Figure 4-49: Nutrition Screening dialog

4.3.39 IHS-OSTEOPOROSIS SCREENING 2011

This dialog has been expanded to include documentation of implementation of standing order. If your site receives reports of osteoporosis screening studies other than Dexascan, copy the dialog element and populate with the appropriate CPT (consult coding staff) and add to the historical data section of the dialog.

Reminder Resolution: Osteoporosis Screening

Women over 65 should be screened annually by a bone density test by CT, ultrasound, SEXA,DXA or special screening

BONE DENSITY TEST ORDERED

Bone density test ordered today.
 per standing order
 per provider order
 per provider referral Patient educated on follow through.

Educated patient on importance of osteoporosis screening tests.
 Level of Understanding: * Good
 Education duration: 0
 Comment:

BONE DENSITY TEST NOT ORDERED

Bone density test previously ordered.

HISTORICAL DATA

Historical dexascan (axial) reported.
 Date: * 2011
 Location: *
 Results and Source of info: *

* Indicates a Required Field

CLINICAL REMINDER ACTIVITY
Osteoporosis Screening:
 Bone density test ordered today. Patient educated on follow through.
 Educated patient on importance of osteoporosis screening tests.

Clear Clinical Maint < Back Next > Finish Cancel

Figure 4-50: Osteoporosis Screen dialog

4.3.40 IHS-PAP 2011

Reminder Dialog allows documentation of order for Pap with or without STD testing, documentation that a Pap was not ordered and historical entry of Pap and Hysterectomy. Note that documenting a subtotal hysterectomy with cervix retained does not remove the patient from the reminder cohort.

Reminder Resolution: Pap Smear

PAP ORDERED TODAY

Ordered Pap test and STD Testing.

- per standing order
- per provider order
- per provider referral

Ordered Pap test only.

- per standing order
- per provider order
- per provider referral

PAP NOT ORDERED TODAY

Pap not done today.

HISTORICAL DATA

Historical Pap reported.

Historical Hysterectomy Reported.

- Hysterectomy, abdominal OVARIES REMOVED
- Hysterectomy, abdominal OVARIES RETAINED
- Hysterectomy, vaginal OVARIES REMOVED
- Hysterectomy, vaginal OVARIES RETAINED
- Hysterectomy, subtotal abdominal CERVIX RETAINED

* Indicates a Required Field

<No encounter information entered>

Clear Clinical Maint < Back Next > Finish Cancel

Figure 4-51: Pap Smear dialog

4.3.41 IHS-SENIOR HEIGHT 2011

This dialog allows documentation of height.

Reminder Resolution: Senior Height

Patients over 50 should have their height check every 2 years. Those over 65 should have their height measured yearly.

Check to record patient's height IN

Comment:

* Indicates a Required Field

CLINICAL REMINDER ACTIVITY
Senior Height:
Pts height recorded.

Vital Measurements: HT

Clear Clinical Maint < Back Next > Finish Cancel

Figure 4-52: Senior Height

4.3.42 IHS-SENIOR VISION

Resolution by Vital Sign

Reminder Resolution: Senior Vision

Enter vision using the following format: right eye/left eye

Example - 20/30 means 20/20 Right, 20/30 Left

Example - 40 means 20/40 Right, no measurement for Left

Example - /50 means 20/50 Left, no measurement for Right

Corrected vision exam was done at this visit.

Uncorrected vision exam was done at this visit.

* Indicates a Required Field

CLINICAL REMINDER ACTIVITY
Senior Vision:
Corrected vision exam was done at this visit.
Uncorrected vision exam was done at this visit.

Vital Measurements: VC
 Vital Measurements: VU

Clear Clinical Maint < Back Next > Finish Cancel

Figure 4-53: Senior Vision

4.3.43 IHS-TOBACCO SCREEN 2011

Tobacco screen dialog has been updated to include recent Tobacco Health Factors. The dialog is designed to capture both Smoking and Smokeless and offers appropriate education based on health factor selected.

The top level has use assessment and exposure assessment.

Figure 4-54: Tobacco Screen Upper Level

The second level documents tobacco screening for current tobacco users. The amount of tobacco use documented, education documented and orders for referrals also documented. Note that selecting the group “current and former smoker, never used smokeless tobacco” stores “never used smokeless tobacco” health factor. The user then selects the smoking health factor.

Reminder Resolution: Tobacco Screen

---- TOBACCO HEALTH FACTORS ----

SMOKE FREE HOME - Sep 19, 2008
 NEVER USED SMOKELESS TOBACCO - Oct 05, 2008
 NEVER SMOKED - Oct 05, 2008

-- Tobacco Use Assessment --

Patient has never smoked or used smokeless tobacco.
 Ceremonial tobacco use only.
 Current or former smoker; never used smokeless tobacco.
 -- Patient currently smokes every day.
 -- Patient currently smokes some days, but not every day.

Tobacco Use-Quit education provided at this encounter.
 Tobacco Use-Help line education provided at this encounter.
 Tobacco Use-Complications education provided at this encounter.
 Tobacco Use-Literature education provided at this encounter.
 Ordered tobacco cessation consult
 per standing order
 per provider order
 per provider referral

-- Patient quit smoking < 6 months ago
 -- Patient quit smoking over 6 months ago.
 Current or former smokeless tobacco user; never smoked.
 Current or former smoker and smokeless tobacco user.

-- Tobacco Exposure Assessment --

* Indicates a Required Field

CLINICAL REMINDER ACTIVITY
Tobacco Screen:

-- Tobacco Use Assessment --

Current or former smoker; never used smokeless tobacco.

-- Patient currently smokes some days, but not every day.

Health Factors: **CURRENT SMOKER, SOME DAY, NEVER USED SMOKELESS TOBACCO**

Clear Clinical Maint < Back Next > Finish Cancel

Figure 4-55: Tobacco Screen details

4.3.44 IHS-WEIGHT 2012

The dialog allows documentation of weight.

Reminder Resolution: Weight

Weight should be recorded on a regular basis

Last 2 WT: 150.00 lb [68.10 kg] (Aug 23, 2010@10:39)
140.00 lb [63.56 kg] (May 04, 2010@14:59)

Check to record patient weight. LB

* Indicates a Required Field

CLINICAL REMINDER ACTIVITY

Weight:
Patient weight recorded.

Vital Measurements: **WT**

Clear Clinical Maint < Back Next > Finish Cancel

Figure 4-56: Weight dialog

5.0 Setup Quick Orders in Dialogs

The following is information about Step 2: Setup Quick Orders in Dialogs.

Several of the dialogs prompt the user to order items. When you are installing the dialogs, the computer will ask you to replace the “quick order” that comes in the reminder with one at your site unless you have a quick order with the same name. Make sure you have quick orders for these items already created, or a list of your local quick orders, when you load the reminder.

You can replace any quick order with a menu on install. For instance, if you want to have a small menu so the provider can choose between Screening and Diagnostic Mammograms, you could create a menu called ORZM MAMMOGRAM FOR REMINDERS and place both options on the menu. You could do this also with Dexascan – if you want to offer your clinicians DXA or SXA for example you could create a menu called ORZM BONE DENSITY TESTS FOR REMINDERS and place the options on the menu. When you install the dialog, if you do not have the exact quick order name you will be offered a choice to replace it with your local quick order or menu.

A quick order might be substituted for another type of quick order, depending on the sites’ processes and capabilities. For example, if your site does not do DEXA on site but refers them out to another facility, the quick order for a DEXASCAN (ORZ DEXASCAN) can be substituted with a consult quick order (GMRCZ DEXASACAN).

If not, you can choose to either exit installing the dialog or just not install that dialog element. If your site does not do mammograms, for example, that might be the correct choice.

Lab Quick Orders

LRZ CBC
LRZ CHLAMYDIA
LRZ GLUCOSE
LRZ HGB
LRZ HGBA1C
LRZ HIV SCREENING
LRZ INR
LRZ LIPID PROFILE
LRZ OCCULT BLOOD
LRZ PAP
LRZ URINALYSIS
LRZ URINE HCG

Medication Quick Orders

PSOZ ASPIRIN (EC) 81MG DAILY
PSOZ DEPO PROVERA 150MG IM
PSOZ CLOPIDOGREL 75MG DAILY

Consult Quick Orders

GMRCZ BH CONSULT
GMRCZ COLONOSCOPY
GMRCZ MAMMOGRAM
GMRCZ MENTAL HEALTH
GMRCZ TOBACCO CESSATION

Other Quick Orders

ORZ EKG
ORZ DEXASCAN
RAZ BILATERAL MAMMOGRAM

Order Sets

LRZSET PAP: Order set with Pap lab tests

LRZSET DIAB NEPHRO: This order set should contain orders for UA/CR and whatever test that your facility uses that calculates the eGFR (consult lab). Some facilities use the BMP or CMP which have the eGFR in the panel.

Menus:

PSOZM ACE/ARBS: order menu with ACE/ARB medications
PSOZM ASTHMA STEROIDS: order menu with Asthma Steroid medications

6.0 Setup TIU Objects in Dialogs

The following is information about Step 3: Setup TIU Objects in Dialogs.

TIU template fields will automatically be installed when the reminder is loaded from reminder exchange. However, objects will not. You need to make sure that the objects listed below are on your system and active. Many of these objects are stock objects that were installed during a TIU patches or will be in TIU 1009 patch. Check with your site manager to ensure that you have TIUv1.5p1009 installed at your site. After that patch is installed, create the missing objects*. Make sure to name them exactly as you see here.

ACTIVE MEDICATIONS
ACTIVE PROBLEMS
ALLERGIES/ADR
BPXRM ALCOHOL SCREEN
BPXRM BP
BPXRM CAGE TEST
BPXRM DENTAL EXAM
BPXRM DEPRESSION SCREEN
BPXRM DIABETIC EYE
BPXRM FALL RISK
BPXRM FOOT EXAM
BPXRM HEAD CIRCUMFERENCE
BPXRM HEIGHT
BPXRM HGB AND HCT
BPXRM HGBA1C
BPXRM INTIMATE PARTNER VIOLENCE
BPXRM LAST 2 WEIGHTS
BPXRM LAST ASPIRIN
BPXRM LAST PHQ2
BPXRM LAST PHQ9
BPXRM MAMMOGRAM
BPXRM UPDATED TOBACCO
CVD TP
LAST AUDIT 3*
LAST AUDITC 3*
LAST BPF*
LAST CRAFFT 3*
LAST LAB INR 3*
LAST LIPID PROFILE*
TODAY'S LABS
V CHIEF COMPLAINT
V MEASUREMENT

*Objects which need to be created locally.

7.0 Setup Health Summary Objects

The following is information about Step 4: Setup Health Summary Objects. It describes the setup for the health summary objects that are used by the reminder dialogs.

7.1 ASTHMA TRIGGERS

The ASTHMA TRIGGERS health summary object is displayed in the ASTHMA INTAKE DIALOG ONLY. This object displays the last occurrence of each asthma trigger health factor.

This object contains the PCE HEALTH FACTOR SELECTED component with the ASTHMA TRIGGERS component selection.

Select RPMS-EHR Configuration Master Menu Option: | TIU Configuration Option | HIS TIU Menu for Medical Records ... | Select TIU Maintenance Menu | DDM Document | Definitions (Manager) ... | DDM6 Create TIU/Health Summary Objects.

```

TIU Object Name                Health Summary Type
1  BH MEASUREMENT              BEHAVIORAL HEALTH FLOWSHEET
2  PWH MED REC FOR MTM         PWH MED REC FOR MTM
3  PXRM DEPO PROVERA          PXRM DEPO PROVERA
4  REMINDERS SUMMARY          REMINDERS SUMMARY
4  TIU TPBN FUTURE APPTS      TIU TPBN FUTURE APPTS

      Enter ?? for more actions
Create New TIU Object          Find
Detailed Display/Edit TIU Object  Detailed Display/Edit HS Object
Quit

      --- Create TIU/Health Summary Object ---

Enter a New TIU OBJECT NAME: ASTHMA TRIGGERS
Object Name: ASTHMA TRIGGERS
Is this correct? YES// YES
Use a pre-existing Health Summary Object? NO// NO
Checking ASTHMA TRIGGERS3 (TIU) with Health Summary...
Creating Health Summary Object 'ASTHMA TRIGGERS (TIU)'

      Select Health Summary Type: ASTHMA TRIGGERS

Are you adding 'ASTHMA TRIGGERS' as
a new HEALTH SUMMARY TYPE (the 35th)?  No// YES
NAME: ASTHMA TRIGGERS//
TITLE:
SUPPRESS PRINT OF COMPONENTS WITHOUT DATA:
SUPPRESS SENSITIVE PRINT DATA:
LOCK:
Do you wish to copy COMPONENTS from an existing Health Summary Type? YES// NO
Select COMPONENT: SHF  PCE HEALTH FACTORS SELECTED
SUMMARY ORDER: 5// 5
OCCURRENCE LIMIT: 1
TIME LIMIT:

```

```

HEADER NAME: Health Factor Select  Replace

No selection items chosen.

Select new items one at a time in the sequence you want them displayed.
You may select any number of items.

Select SELECTION ITEM: ASTHMA TRIGGERS

      Searching for a HEALTH FACTOR, (pointed-to by SELECTION ITEM)

      Searching for a HEALTH FACTOR
ASTHMA TRIGGERS      ASTHMA TRIGGERS
      ...OK? Yes// YES
Are you adding 'ASTHMA TRIGGERS' as a new SELECTION ITEM (the 1ST for this STR
UCTURE)? No// YES
Select SELECTION ITEM:
Select COMPONENT:

Do you wish to review the Summary Type structure before continuing? NO// NO
Please hold on while I resequence the summary order.

Do you want to overwrite the TIME LIMITS in the Health
Summary Type 'ASTHMA TRIGGERS3'?  N// NO
Print standard Health Summary Header with the Object?  N// NO

Partial Header:
Print Report Date?  N// NO
Print Confidentiality Banner?  N// NO
Print Report Header?  N// NO
Print the standard Component Header?  Y// NO
Print the date a patient was deceased?  N// NO

Print a LABEL before the Health Summary Object?  N// NO

Suppress Components without Data?  N// NO

OBJECT DESCRIPTION:
No existing text
Edit? NO// NO

Create a TIU Object named: ASTHMA TRIGGERS

Ok? YES//YES

TIU Object created successfully.

      TIU Object Name                Health Summary Type
1      ASTHMA TRIGGERS                ASTHMA TRIGGERS
2      BH MEASUREMENT                  BEHAVIORAL HEALTH FLOWSHEET
3      PWH MED REC FOR MTM              PWH MED REC FOR MTM
4      PXRM DEPO PROVERA                PXRM DEPO PROVERA
5      REMINDERS SUMMARY                REMINDERS SUMMARY
6      TIU TPBN FUTURE APPTS            TIU TPBN FUTURE APPTS

      Enter ?? for more actions
Create New TIU Object                    Find
Detailed Display/Edit TIU Object          Detailed Display/Edit HS Object
Quit

```

Select Action: Quit// Detailed Display

Figure 7-1: Creating Asthma Triggers Health Summary Objects

```

HS OBJECT DISPLAY                Feb 13, 2012 13:08:29                Page:    1 of    1
                                Detailed Display for ASTHMA TRIGGERS

                                HS Object: ASTHMA TRIGGERS (TIU)
                                Health Summary Type: ASTHMA TRIGGERS
                                Report Period:
                                Creator: JOHNSON,CAROLYN J

                                HS Object

                                Print Label: NO                Print Report Date and Time: NO
                                Print Blank Line after Label: NO    Print Confidentiality Banner: NO
                                Customized Header: YES            Print Report Date and Time: NO
                                Suppress Components w/o Data: NO    Print Component Header: NO
                                Print Deceased Information: NO      Print Time-Occurrence Limits: NO
                                National Object: NO                Underline Component Header: NO
                                                                Blank Line After Header: NO

                                Enter ?? for more actions
                                Edit HS Object                    Inquire about a HS Type
                                Change HS Type                    Edit HS Type
                                Select Action: Quit// Inquire about a HS Type
                                Select Health Summary Type: ASTHMA TRIGGERS
    
```

Figure 7-2: Asthma Triggers Health Summary Object Display

```

Type Name:  ASTHMA TRIGGERS
            Title:
            Owner:
SUPPRESS PRINT OF COMPONENTS WITHOUT DATA:
SUPPRESS SENSITIVE PRINT DATA:

Abb  Ord  Component Name      Max      Hos  ICD  Pro  CPT
Occ  Time  Loc  Text  Nar  Mod  Selection
-----
SHF  5    Health Factor Select 1
                                           ASTHMA TRIGGERS
    
```

Figure 7-3: Asthma Triggers Health Summary Type

7.2 LAST HF OCCUPATION

This health summary object is displayed in the PHN dialog. This object displays the last occurrence of each Occupation health factor.

This object contains the PCE HEALTH FACTOR SELECTED component with the OCCUPATION component selection.

```

HS OBJECT DISPLAY                Feb 13, 2012 13:33:18                Page:    1 of    1
                                Detailed Display for LAST HF OCCUPATION
    
```

```

HS Object: LAST HF OCCUPATION (TIU)
Health Summary Type: LAST HF OCCUPATION
Report Period:
Creator: JOHNSON,CAROLYN J

HS Object

Print Label: NO          Print Report Date and Time: NO
Print Blank Line after Label: NO  Print Confidentiality Banner: NO
Customized Header: YES    Print Report Date and Time: NO
Suppress Components w/o Data: NO  Print Component Header: NO
Print Deceased Information: NO    Print Time-Occurrence Limits: NO
National Object: NO        Underline Component Header: NO
                          Blank Line After Header: NO

Enter ?? for more actions
Edit HS Object          Inquire about a HS Type
Change HS Type         Edit HS Type
Select Action: Quit//
    
```

Figure 7-4: Detailed Display for LAST HF OCCUPATION

```

Type Name: LAST HF OCCUPATION
Title:
Owner: JOHNSON,CAROLYN J
SUPPRESS PRINT OF COMPONENTS WITHOUT DATA:
SUPPRESS SENSITIVE PRINT DATA:

Abb  Ord  Component Name      Max      Hos  ICD  Pro  CPT
      Occ  Time  Loc  Text  Nar  Mod  Selection
-----
SHF  5    Health Factor Select 1
                                           OCCUPATION
    
```

Figure 7-5: LAST HF OCCUPTION

7.3 PXRМ DEPO PROVERA

This object is displayed in the DEPO PROVERA dialog. The PXRМ DEPO PROVERA health summary object uses the IHS-DEPO PROVERA 2011 reminder.

Note: *You need to install the reminder first so that it is there before you can create this object to be used in the dialog*

```

--- Create TIU/Health Summary Object ---

Enter a New TIU OBJECT NAME: PXRМ DEPO PROVERA
Object Name: PXRМ DEPO PROVERA
Is this correct? YES// YES
Use a pre-existing Health Summary Object? NO// NO
Checking PXRМ DEPO PROVERA (TIU) with Health Summary...
    
```

```
Creating Health Summary Object 'PXRM DEPO PROVERA (TIU)'  
  
Select Health Summary Type: PXRM DEPO PROVERA  
  
Are you adding 'PXRM DEPO PROVERA' as  
  a new HEALTH SUMMARY TYPE (the 43th)?  No// YES  
NAME: PXRM DEPO PROVERA//  
TITLE: Depo Provera  
SUPPRESS PRINT OF COMPONENTS WITHOUT DATA:  
SUPPRESS SENSITIVE PRINT DATA:  
LOCK:  
OWNER: USER,DEMO//  
  
Do you wish to copy COMPONENTS from an existing Health Summary Type? YES// NO  
Select COMPONENT: CLINICAL REMINDERS BRIEF  
SUMMARY ORDER: 5// 5  
HEADER NAME: Reminders Brief//  
  
No selection items chosen.  
  
Select new items one at a time in the sequence you want them displayed.  
You may select any number of items.  
  
Select SELECTION ITEM: IHS-DEPO  
  
  Searching for a CLINICAL REMINDER/MAINTENANCE, (pointed-to by SELECTION ITE  
M)  
  
  Searching for a CLINICAL REMINDER/MAINTENANCE  
IHS-DEPO PROVERA 2011  VISN  
  ...OK? Yes// YES  
Are you adding 'IHS-DEPO PROVERA 2011' as  
  a new SELECTION ITEM (the 1ST for this STRUCTURE)? No// Y  
Select SELECTION ITEM:  
Select COMPONENT:  
  
Do you wish to review the Summary Type structure before continuing? NO// NO  
Please hold on while I resequence the summary order.  
  
Do you want to overwrite the TIME LIMITS in the Health  
Summary Type 'PXRM DEPO PROVERA'?  N// NO  
Print standard Health Summary Header with the Object?  N// NO  
  
Partial Header:  
Print Report Date?  N// NO  
Print Confidentiality Banner?  N// NO  
Print Report Header?  N// NO  
Print the standard Component Header?  YES// NO  
Use report time/occurence limits?  N// NO  
Underline Component Header?  N// NO  
Add a Blank Line after the Component Header?  N// NO  
Print the date a patient was deceased?  N// NO  
  
Print a LABEL before the Health Summary Object?  N// NO  
  
Suppress Components without Data?  N// NO  
  
OBJECT DESCRIPTION:  
  No existing text
```

```

Edit? NO//NO

Create a TIU Object named: PXRМ DEPO PROVERA

Ok? YES//

TIU Object created successfully.

Enter RETURN to continue...
    
```

Figure 7-6: Reminder in TIU object

```

Detailed Display for PXRМ DEPO PROVERA

      HS Object: PXRМ DEPO PROVERA (TIU)
Health Summary Type: PXRМ DEPO PROVERA
Report Period:
      Creator: JOHNSON,CAROLYN J

      HS Object

      Print Label: NO          Print Report Date and Time: NO
Print Blank Line after Label: NO      Print Confidentiality Banner: NO
      Customized Header: YES      Print Report Date and Time: NO
Suppress Components w/o Data: NO      Print Component Header: NO
      Print Deceased Information: NO  Print Time-Occurrence Limits: NO
      National Object: NO          Underline Component Header: NO
                                      Blank Line After Header: NO

      Enter ?? for more actions
Edit HS Object          Inquire about a HS Type
Change HS Type         Edit HS Type
Select Action: Quit//
    
```

Figure 7-7: PXRМ Depo Provera Object Summary

```

Type Name:  PXRМ DEPO PROVERA
Title:
Owner:  JOHNSON,CAROLYN J
SUPPRESS PRINT OF COMPONENTS WITHOUT DATA:
SUPPRESS SENSITIVE PRINT DATA:

Abb  Ord  Component Name      Max  Hos  ICD  Pro  CPT
Occ  Time  Loc  Text  Nar  Mod  Selection
-----
CMB  5    Reminder Brief
                                      IHS-DEPO PROV
ERA 2011
    
```

Figure 7-8: PXRМ Depo Provera Health Summary Type Summary

7.4 PWH MED REC FOR MTM

This object is displayed in the MED THERAPY MGT DIALOG ONLY. This object contains 1 health summary component, the PATIENT WELLNESS HANDOUT with the MEDICATION RECONCILIATION component selection.


```

      HS Object: PWH MED REC FOR MTM (TIU)
Health Summary Type: PWH MED REC FOR MTM
Report Period:

                        HS Object

Print Label: NO          Print Report Date and Time: NO
Print Blank Line after Label: NO    Print Confidentiality Banner: NO
Customized Header: YES    Print Report Date and Time: NO
Suppress Components w/o Data: NO    Print Component Header: NO
Print Deceased Information: NO    Print Time-Occurrence Limits: NO
National Object: NO          Underline Component Header: NO
                              Blank Line After Header: NO

Enter ?? for more actions
Edit HS Object              Inquire about a HS Type
Change HS Type             Edit HS Type
Select Action: Quit//
    
```

Figure 7-9: PWH MED REC Object Summary

```

Type Name: PWH MED REC
Title: PWH MED REC
Owner: HESS,BARBARA
SUPPRESS PRINT OF COMPONENTS WITHOUT DATA: no
SUPPRESS SENSITIVE PRINT DATA:

Abb  Ord  Component Name          Max  Hos  ICD  Pro  CPT
Occ  Time  Loc  Text  Nar  Mod  Selection
-----
PWS  5    Handout Selected
                                           MEDICATION RE
CONCILIATION
    
```

Figure 7-10: PWH MED REC Health Summary Type

8.0 Remove Old Reminders From Exchange

The following is information about Step 5: Remove Older Reminders From Exchange.

Follow these instructions to remove the old reminders from displaying in the Reminder Exchange. It does not inactivate the reminders from your system. There are 87 new reminders and it is recommended that you clear the old National Reminders (IHS prefix, no year appended OR 2007, 2008, 2009, 2010 appended) out of exchange prior to installing the patch.

+	Entry	Source	Date Packed
31	IHS-COLON CANCER 2007	HAGER@DEMO HOSPITA	08/28/2008@11:42:51
32	IHS-COLON CANCER 2010	HAGER@DEMO HOSPITA	02/04/2010@10:19:27
33	IHS-DENTAL VISIT	HAGER@DEMO HOSPITA	02/04/2010@10:19:41
34	IHS-DEPRESSION SCREEN 2008	HAGER@DEMO HOSPITA	05/22/2009@10:03:29
35	IHS-DEPRESSION SCREEN 2009	HAGER@DEMO HOSPITA	02/04/2010@10:19:56
36	IHS-DIAB ACE/ARB 2007	HAGER@DEMO HOSPITA	08/28/2008@11:43:30
37	IHS-DIAB ASPIRIN 2009	HAGER@DEMO HOSPITA	02/04/2010@10:20:10
38	IHS-DIAB EYE EXAM 2007	HAGER@DEMO HOSPITA	08/28/2008@11:44:46
39	IHS-DIAB HGBA1C 2007	HAGER@DEMO HOSPITA	08/28/2008@11:45:18
40	IHS-DIAB MICROALBUMIN 2007	HAGER@DEMO HOSPITA	08/28/2008@11:45:38CFE
	Create Exchange File Entry	IH	Installation History
	CHF Create Host File	LHF	Load Host File
	CMM Create MailMan Message	LMM	Load MailMan Message
	DFE Delete Exchange File Entry	LR	List Reminder Definitions
	IFE Install Exchange File Entry	RI	Reminder Definition Inquiry
	Select Action: Next Screen//	DFE	
	Select Entry(s): (1-10): 31-40		Enter the number(s) of the reminder(s) that you wish to delete. You may Enter a number, a list, or a range e.g., 1,3,5 or 2-4,8.

Figure 8-1: Removing Old Reminders from Exchange

9.0 Dialog Preparation

The following is information about Step 6: Dialog Preparation.

If your site has NOT made any changes to the existing national dialogs, skip to the next section.

If your site has made local changes to existing national dialogs, especially by adding **ADDITIONAL FINDINGS** to dialogs, there might be some problems. Print the following Fileman search to look for these findings. Remove them from the elements before installing the reminder. You can add them back after installation.

```
Select OPTION: 3 SEARCH FILE ENTRIES
OUTPUT FROM WHAT FILE: PACKAGE// REMINDER DIALOG (330 entries)
-A- SEARCH FOR REMINDER DIALOG FIELD: ADDITIONAL FINDINGS (multiple)
-A- SEARCH FOR REMINDER DIALOG ADDITIONAL FINDINGS SUB-FIELD: ?
Answer with ADDITIONAL FINDINGS SUB-FIELD NUMBER, or LABEL:
.01 ADDITIONAL FINDINGS
-A- SEARCH FOR REMINDER DIALOG ADDITIONAL FINDINGS SUB-FIELD: .01
ADDITIONAL FINDINGS
-A- CONDITION: 'NULL <- "not null"
-B- SEARCH FOR REMINDER DIALOG ADDITIONAL FINDINGS SUB-FIELD:
-B- SEARCH FOR REMINDER DIALOG FIELD:
IF: A// REMINDER DIALOG ADDITIONAL FINDINGS NOT NULL
DO YOU WANT THIS SEARCH SPECIFICATION TO BE CONSIDERED TRUE FOR CONDITION -A-
1) WHEN AT LEAST ONE OF THE 'ADDITIONAL FINDINGS' MULTIPLES SATISFIES IT
2) WHEN ALL OF THE 'ADDITIONAL FINDINGS' MULTIPLES SATISFY IT
3) WHEN ALL OF THE 'ADDITIONAL FINDINGS' MULTIPLES SATISFY IT,
OR WHEN THERE ARE NO 'ADDITIONAL FINDINGS' MULTIPLES
CHOOSE 1-3: 1// 1
STORE RESULTS OF SEARCH IN TEMPLATE:
SORT BY: NAME//
START WITH NAME: FIRST//
FIRST PRINT FIELD: NAME
THEN PRINT FIELD: ADDITIONAL FINDINGS (multiple)
THEN PRINT ADDITIONAL FINDINGS SUB-FIELD: .01 ADDITIONAL FINDINGS
THEN PRINT ADDITIONAL FINDINGS SUB-FIE
THEN PRINT FIELD:
Heading (S/C): REMINDER DIALOG SEARCH Replace
DEVICE: CONSOLE Right Margin: 80//
REMINDER DIALOG SEARCH MAY 19,2009 14:00 PAGE 1
NAME
ADDITIONAL FINDINGS
-----
EX DEPRESSION
V79.0
IM INFLUENZA DONE
V04.8
IM INFLUENZA NASAL
V04.8
IM INFLUENZA SPLIT
V04.8
IM INFLUENZA WHOLE
V04.8
5 MATCHES FOUND
```

Figure 9-1: Fileman search

```

BEH>REM>DLG>DLG ... CV (change view) to Element or Group (depending on whether the
component with the additional finding is an element of a group)
Dialog List                               Apr 11, 2012 14:01:32           Page:   39 of   47
DIALOG VIEW (DIALOG ELEMENTS)

```

+Item	Dialog Name	Dialog type	Status
609	IM INFLUENZA DONE	Dialog Element	
610	IM INSTRUCTIONS	Dialog Element	
611	IM IPV DONE	Dialog Element	
612	IM IPV NOT DONE	Dialog Element	
613	IM MMR DONE	Dialog Element	
614	IM MMR NOT DONE	Dialog Element	
615	IM PED CONTRAINDICATION SCREEN	Dialog Element	
616	IM PEDIARIX DONE	Dialog Element	
617	IM PEDIARIX NOT DONE	Dialog Element	
618	IM PNEUMO CRITERIA2	Dialog Element	
619	IM PNEUMO CRITERIA3	Dialog Element	
620	IM PNEUMO-PS CONTRAINDICATION	Dialog Element	
621	IM PNEUMO-PS CRITERIA1	Dialog Element	
622	IM PNEUMOVACCINE NOT DONE	Dialog Element	
623	IM VARICELLA DONE	Dialog Element	
624	IM VARICELLA NOT DONE	Dialog Element	

```

+      + Next Screen  - Prev Screen  ?? More Actions      >>>
AD  Add      CV  Change View      INQ  Inquiry/Print
CO  Copy Dialog      PT  List/Print All      QU  Quit
Select Item: Next Screen//609 <<< select the dialog element to edit
Dialog Name:  IM INFLUENZA DONE

```

```

CURRENT DIALOG ELEMENT/GROUP NAME: IM INFLUENZA DONE
Used by:  GRP FLU SHOT (Dialog Group)

```

```

NAME: IM INFLUENZA DONE//
DISABLE:
CLASS: LOCAL//
SPONSOR:
REVIEW DATE:
RESOLUTION TYPE: DONE AT ENCOUNTER//
ORDERABLE ITEM:
FINDING ITEM: INFLUENZA [TIV], SEASONAL, INJ//
DIALOG/PROGRESS NOTE TEXT:
Influenza immunization was administered today.

```

```

Edit? NO//
ALTERNATE PROGRESS NOTE TEXT:
  No existing text
  Edit? NO//
EXCLUDE FROM PROGRESS NOTE:
SUPPRESS CHECKBOX:
Select ADDITIONAL FINDINGS: V04.8// @
  SURE YOU WANT TO DELETE? Y
Select ADDITIONAL FINDINGS: ? <<< check for any more additional findings. Here
there are none.
  You may enter a new ADDITIONAL FINDINGS, if you wish
  Enter additional finding items for this dialog element.
  Enter one of the following:
    ED.EntryName to select a EDUCATION TOPICS
    IM.EntryName to select a IMMUNIZATIONS
    ST.EntryName to select a SKIN TEST
    EX.EntryName to select a EXAM
    HF.EntryName to select a HEALTH FACTORS
    CPT.EntryName to select a PROCEDURE

```

```
ICD9.EntryName to select a ICD9 DIAGNOSIS
VM.EntryName to select a VITAL TYPE
Q.EntryName to select a ORDER DIALOG
MT.EntryName to select a MEASUREMENT

To see the entries in any particular file type <Prefix.??>

Select ADDITIONAL FINDINGS:^ <enter>
```

Figure 9-2: Removal of additional findings

10.0 Install the KIDS Build

The following is information about Step 7: Install the KIDS Build.

Installation of PXRМ 1008 should be done by the appropriate IRМ personnel using the instructions in the patch notes.

Installation of patch 1008 will put the reminders into the REMINDER EXCHANGE file. It does NOT install them. The new reminders will not work until they are installed and activated.

Note: After the KIDS build has been installed, the computed findings that are used to check the immunization forecaster will not function properly until the new immunization reminders are installed through reminder exchange.

You must install the immunization reminders through exchange immediately if you have any immunization reminders deployed. You do not have to move these into production immediately but should replace your old immunization reminders with the new ones in the near future. The look up to the immunization forecaster will work in your old reminders but much of the cohort logic has been updated in the newest set of reminders.

11.0 Install the Reminder

The following is information about Step 8: Install the Reminder.

Follow these instructions to install the national reminders. The Clinical Application Coordinator or other designated person should then install them using REMINDER EXCHANGE.

Note: Once the patch has been installed, the immunization reminders will not function properly until they are installed through exchange.

11.1 Programmer Access

Programmer access is required to install the reminders that contain a new computed finding.

If you do not have programmer access (@ level fileman access) you will see the following message when you are installing reminders that contain a new computed finding:

```
Only programmers can install routines.  
Only programmers can install Reminder Computed Findings.
```

If there are no *new* computed findings packed in the reminder then ignore the message and continue through the installation process. If the computed finding was previously installed there will be an X under the column “Exists” on the right of the Reminder Computed Finding in the Reminder Exchange.

ComponeFile	Entry	Category	Exists
V79.1			X
MEASUREMENT TYPE			
	AUDT		X
	CRFT		X
	AUDC		X
ORDER DIALOG			
	GMRCZ MENTAL HEALTH		
	GMRCZ BH CONSULT		
REMINDER COMPUTED FINDINGS			
2	IHS-ALCOHOL 2009		X
TIU TEMPLATE FIELD			
3	ASBI NOTE INSTRUCTIONS		X

+ Next Screen - Prev Screen ?? More Actions
 IA Install all Components IS Install Selected Component
 Select Action: Next Screen//

Figure 11-1: Reminder Components in Exchange

If there are new computed findings and the Clinical Applications Coordinator does not have @ access, follow these steps to complete the installation.

Ask the site manager or other personnel who has Programmer Access to log in under their credentials, navigate to the Reminder Exchange and use IS “Install Selected” and install the new Computed Findings following the instructions in the next section. *NEVER OVERWRITE A ROUTINE!* After the Computed Findings are installed, the Clinical Applications Coordinator may then install the new reminders.

Reminders with New Computed Findings:

IHS-DIAB ANTIPLT KNOWN CVD 2011
 IHS-DIAB ASPIRIN FEMALE 2011
 IHS-DIAB ASPIRIN MALE 2011
 IHS-ANTICOAG CBC 2011
 IHS-ANTICOAG DURATION OF TX 2011
 IHS-ANTICOAG THERAPY END DATE 2011
 IHS-ANTICOAG OCCULT BLOOD 2011
 IHS-ANTICOAG UA 2011
 IHS-ANTICOAG INR GOAL 2011
 IHS-ANTICOAG THERAPY END DATE 2011
 IHS-CHLAMYDIA SCREEN 2011
 IHS-CVD 2011
 IHS-FALL RISK SCREEN 2011
 IHS-HIV SCREEN 2011
 IHS-NEWBORN HEARING SCREEN 2011

IHS-NUTRITIONAL SCREENING 2011
 IHS-RUBELLA 2011
 IHS-ZOSTER IMMUN 2011

11.2 Installing the Reminder

1. Select Reminder Exchange from the Reminder Configuration menu. You will be presented with a list of packed reminders that reside in the RPMS file system.

```
Clinical Reminder Exchange      Jan 18, 2012 10:06:40
Exchange File Entries.

      Entry                               Source                               Date Packed
1  IHS-ACTIVITY SCREEN 2011             USER@DEMO HOSPITA                 01/13/2012@09:00:36
2  IHS-ALCOHOL SCREEN 2011             USER@DEMO HOSPITA                 01/13/2012@09:01:11
3  IHS-ALLERGY 2011                     USER@DEMO HOSPITA                 01/13/2012@09:01:34
4  IHS-ANTICOAG CBC 2011                USER@DEMO HOSPITA                 01/13/2012@09:01:51
5  IHS-ANTICOAG DURATION OF TX          USER@DEMO HOSPITA                 01/13/2012@09:02:07
6  IHS-ANTICOAG INR GOAL 2011          USER@DEMO HOSPITA                 01/13/2012@09:02:30
7  IHS-ANTICOAG OCCULT BLOOD 2         USER@DEMO HOSPITA                 01/13/2012@09:03
8  IHS-ANTICOAG THERAPY END DA         USER@DEMO HOSPITA                 01/13/2012@09:03:20
9  IHS-ANTICOAG UA 2011                 USER@DEMO HOSPITA                 01/13/2012@09:03:35
10 IHS-ASBI BNI 2011                    USER@DEMO HOSPITA                 01/13/2012@09:03:56
+ Next Screen  - Prev Screen  ?? More Actions
CFE Create Exchange File Entry          IH  Installation History
CHF Create Host File                    LHF Load Host File
CMM Create MailMan Message              LMM Load MailMan Message
DFE Delete Exchange File Entry          LR  List Reminder Definitions
IFE Install Exchange File Entry         RI  Reminder Definition Inquiry

Select Action: Next Screen//
```

Figure 11-2: List of Reminders in Reminder Exchange

Tip: Use the up/down arrows to scroll through the list. If you are searching for a specific reminder, use the command SL to search for the reminder name

```
Select Action: Next Screen// SL
Search for: //DEPRESSION
```

Figure 11-3: Further instructions

2. Select IFE – Install Exchange File Entry to install the reminder.
3. Enter the number of the reminder to install.

```
Clinical Reminder Exchange      Jan 18, 2012 10:06:40
Exchange File Entries.

      Entry                               Source                               Date Packed
1  IHS-ACTIVITY SCREEN 2011             USER@DEMO HOSPITA                 01/13/2012@09:00:36
2  IHS-ALCOHOL SCREEN 2011             USER@DEMO HOSPITA                 01/13/2012@09:01:11
```

```

 3 IHS-ALLERGY 2011          USER@DEMO HOSPITA      01/13/2012@09:01:34
 4 IHS-ANTICOAG CBC 2011    USER@DEMO HOSPITA      01/13/2012@09:01:51
 5 IHS-ANTICOAG DURATION OF TX USER@DEMO HOSPITA      01/13/2012@09:02:07
 6 IHS-ANTICOAG INR GOAL 2011 USER@DEMO HOSPITA      01/13/2012@09:02:30
 7 IHS-ANTICOAG OCCULT BLOOD 2 USER@DEMO HOSPITA      01/13/2012@09:03
 8 IHS-ANTICOAG THERAPY END DA USER@DEMO HOSPITA      01/13/2012@09:03:20
 9 IHS-ANTICOAG UA 2011     USER@DEMO HOSPITA      01/13/2012@09:03:35
10 IHS-ASBI BNI 2011        USER@DEMO HOSPITA      01/13/2012@09:03:56
+ Next Screen - Prev Screen ?? More Actions
CFE Create Exchange File Entry      IH  Installation History
CHF Create Host File                LHF Load Host File
CMM Create MailMan Message          LMM Load MailMan Message
DFE Delete Exchange File Entry      LR  List Reminder Definitions
IFE Install Exchange File Entry      RI  Reminder Definition Inquiry

Select Action: Next Screen// IFE Install Exchange File Entry
Select Entry(s): (1-10): 25 enter the number that you wish to install

```

Figure 11-4: Installing Reminders

- Use the up and down arrows to view the individual components of the reminder. Before starting an installation, you should examine the list of components in the packed reminder and determine which ones already exist on your system. You should decide what to do with each component and have a plan of action before proceeding with the installation.

```

      ComponeFile  Entry          Category  Exists
Reminder:  IHS-DEPRESSION SCREEN 2011
Source:    USER,DEMO at DEMO HOSPITAL
Date Packed: 01/13/2012@09:10:18

Description:
Yearly screening for depression starting at age 18.

Keywords:
No keywords given

Components:

ROUTINE
  1  BPXRMPCC                                X

EXAM
DEPRESSION SCREENING                          X

MEASUREMENT TYPE
  PHQ2                                        X

REMINDER COMPUTED FINDINGS
  2  IHS-DEPRESSION 2009

TIU TEMPLATE FIELD
  3  IHS ADDL SIGN                            X
  4  GEN TEXT BOX LONG4                       X
  5  IHS PHQ9 ANSWERS                         X
  6  WSP PHQ2 SCORING                         X

REMINDER DEFINITION

```

7	IHS-DEPRESSION SCREEN 2011	X
REMINDER DIALOG		
8	IHS-DEPRESSION SCREEN 2011	X

Figure 11-5: Sample Exchange File Components window

5. **INSTALL COMPUTED FINDING ONLY** - There are two choices, IA or IS. Choose IS to install selected components. During installation, the application will ask what you want to do about all the elements in this reminder. If the item exists on your system, the default will be to skip installing it again. If it is new, the default is to install it.

- Select the component you want to install (#2)
- Take the default

```

REMINDER COMPUTED FINDINGS entry IHS-DEPRESSION 2009 is NEW,
what do you want to do?

Select one of the following:

C          Create a new entry by copying to a new name
I          Install or Overwrite the current entry
Q          Quit the install
S          Skip, do not install this entry

Enter response: I//

```

Figure 11-6: Remaining Instructions

6. **INSTALL REMINDER AND DIALOG** - There are two choices, IA or IS. Choose IA to install all components. During installation, the application will ask you want to do about all the elements in this reminder. If the item exists on your system, the default will be to skip installing it again. If it is new, the default is to install it.

- Take all the defaults as you load the reminder unless you have loaded a previous version of reminders. If you've loaded a previous version of the reminders always re-install the reminder definition itself but not any of the other elements.

Caution: Never overwrite a routine!

```

Routine BPXRMPCC already EXISTS, <NEVER overwrite a routine through the exchange!
but packed routine is different, what do you want to do?

Select one of the following:

C          Create a new entry by copying to a new name
I          Install or Overwrite the current entry
Q          Quit the install
S          Skip, do not install this entry

```

Enter response: S// < **SKIP DO NOT REINSTALL THIS ENTRY. Never overwrite the routine!**

REMINDER COMPUTED FINDINGS entry IHS-DEPRESSION 2009 is NEW,
what do you want to do?

Select one of the following:

C	Create a new entry by copying to a new name
I	Install or Overwrite the current entry
Q	Quit the install
S	Skip, do not install this entry

Enter response: I// **Take the default. If this is a new component, it will default to "install". If you've installed this reminder before, it will default to SKIP.**

TIU TEMPLATE FIELD entry IHS ADDL SIGN already EXISTS,
what do you want to do?

Select one of the following:

C	Create a new entry by copying to a new name
I	Install or Overwrite the current entry
Q	Quit the install
S	Skip, do not install this entry

Enter response: S// **Take the default. If this is a new component, it will default to "install". If you've installed this reminder before, it will default to SKIP**

TIU TEMPLATE FIELD entry GEN TEXT BOX LONG4 already EXISTS,
what do you want to do?

Select one of the following:

C	Create a new entry by copying to a new name
I	Install or Overwrite the current entry
Q	Quit the install
S	Skip, do not install this entry

Enter response: S// **Take the default. If this is a new component, it will default to "install". If you've installed this reminder before, it will default to SKIP**

TIU TEMPLATE FIELD entry IHS PHQ9 ANSWERS already EXISTS,
what do you want to do?

Select one of the following:

C	Create a new entry by copying to a new name
I	Install or Overwrite the current entry
Q	Quit the install
S	Skip, do not install this entry

Enter response: S// **Take the default. If this is a new component, it will default to "install". If you've installed this reminder before, it will default to SKIP**

TIU TEMPLATE FIELD entry WSP PHQ2 SCORING already EXISTS,
what do you want to do?

Select one of the following:

```

C          Create a new entry by copying to a new name
I          Install or Overwrite the current entry
Q          Quit the install
S          Skip, do not install this entry

Enter response: S// Enter response: S// Take the default. If this is a new
component, it will default to "install". If you've installed this reminder before,
it will default to SKIP

REMINDER DEFINITION entry IHS-DEPRESSION SCREEN 2011 already EXISTS,
what do you want to do?

Select one of the following:

C          Create a new entry by copying to a new name
I          Install or Overwrite the current entry
Q          Quit the install
S          Skip, do not install this entry

Enter response: S// If you have loaded a previous version of the reminders before,
install/overwrite the reminder definition . If this is the first time you have
loaded this reminder, accept the default of I to install.

```

Figure 11-7: Example of reminder installation

7. If you are installing the Depo Provera Reminder, create the PXRМ Depo Provera health summary object as described in Chapter 7.
8. Proceed to the next section to install the dialogs.

11.3 Taxonomy Error

A taxonomy is a selection of ICD0, ICD9, or CPT codes. The user inputs them from the starting code to the ending code. One taxonomy can have multiple selection lists of codes. There is a secondary file that stores every entry between the starting and ending codes. Therefore an error in any code in the interval could cause the install to fail. If a site has two entries of the same code or the computer cannot tell the difference between two codes, the install will fail.

This section describes an error that may occur during install and how to fix the error by manually creating the taxonomy and re-installing the reminder.

```

The update failed, UPDATE^DIE returned the following error message:
MSG("DIERR")=1^1
MSG("DIERR",1)=701
MSG("DIERR",1,"PARAM",0)=3
MSG("DIERR",1,"PARAM",3)=403.9
MSG("DIERR",1,"PARAM","FIELD")=.01
MSG("DIERR",1,"PARAM","FILE")=811.23102
MSG("DIERR",1,"TEXT",1)=The value '403.9 ' for field SELECTABLE DIAGNOSIS in SEL
ECTABLE DIAGNOSIS SUB-FIELD in file REMINDER TAXONOMY is not valid.
MSG("DIERR","E",701,1)=

REMINDER TAXONOMY entry IHS-HYPERTENSION 2007 did not get installed!

```

Examine the above error message for the reason.

Figure 11-8: Taxonomy Error Example

11.3.1 Create the Taxonomy Manually

1. Write down the *exact name* of the taxonomy that displayed in the error.
2. Finish the installation of the reminder
3. Create the taxonomy: Reminder Configuration Menu | Reminder Taxonomy Management | Edit Taxonomy Item
4. NOTE: Enter the EXACT name of the taxonomy from the error.
5. Use the descriptions of the taxonomies found in the Taxonomy section (appendix) of this manual to enter all the groupings of ICD0, ICD9, and/or CPT codes that apply to this taxonomy. For a single entry, the low value and the high value are the same entry. For ranges, enter the lowest entry in the range and then the highest. The computer will add all codes in that range.

```
Select Reminder Taxonomy: IHS-HYPERTENSION 2007
  Are you adding IHS-HYPERTENSION 2007' as a new REMINDER TAXONOMY? No//YES
NAME: IHS-HYPERTENSION 2007  Replace
BRIEF DESCRIPTION:
  CLASS: LOCAL//
SPONSOR:
REVIEW DATE:
PATIENT DATA SOURCE: //EN,PL      <---
USE INACTIVE PROBLEMS:
INACTIVE FLAG:
ICD0 Range of Coded Values
Select ICD0 LOW CODED VALUE:
ICD9 Range of Coded Values
Select ICD9 LOW CODED VALUE: // 401.0 <---
  ICD9 LOW CODED VALUE: //401.0
  ICD9 HIGH CODED VALUE: //    405.99 <---
Select ICD9 LOW CODED VALUE:
CPT Range of Coded Values
Select CPT LOW CODED VALUE:
```

Figure 11-9: Adding a Taxonomy

6. Return to Reminder Exchange and reinstall the reminder. Accept all of the defaults! When finished, all of the items should have an X in the Exists column, including the taxonomy and the reminder definition.

CompoFile	Entry	Category	Exists
MEASUREMENT TYPE	BP		X
REMINDER TAXONOMY	1 IHS-HYPERTENSION 2007		X

2	IHS-DIABETES DX 2007	X
REMINDER TERM		
3	IHS-HIGH DIASTOLIC	X
4	IHS-HIGH BP 2007	X
REMINDER DEFINITION		
5	IHS-BLOOD PRESSURE 2011	X
REMINDER DIALOG		
+ + Next Screen - Prev Screen ?? More Actions		
IA	Install all Components	IS Install Selected Component
Select Action: Next Screen//		

Figure 11-10: Sample Exchange File Components Window Showing X in Exists Column

12.0 Install the Dialogs

The following information is about Step 9: Install the Dialogs.

Note: The following dialogs were not intended to be setup as reminders. Do not link these dialogs to their reminder. The reminder is a blank reminder that was used as a vehicle to import/export the dialog. You do NOT need to install the reminder. You can use IS to install selected, and install only the dialog. Follow the instructions in the TIU Reminder Dialogs Section to set these up as templates instead of Reminders.

- IHS-ASBI BNI 2011
- IHS-ASBI SCREENING 2011
- IHS-ASTHMA INTAKE 2011
- IHS-MED ED 2011
- IHS-MED THERAPY MNGT 2011
- IHS-PED PEDIARIX IMMUN 2011
- IHS-PHN HOSP DC VISIT 2011
- IHS-PHQ9 SCREEN 2011
- IHS-SCREENING BUNDLE 2011

1. In reminder exchange, after installing the reminder, you will be presented with the Dialog Components screen.
2. Choose IA: Install ALL.
3. One of the prompts will ask you which reminder to attach the dialog.
4. The dialogs and the reminders have the same name so they can be easily linked.
5. After installing, make sure that there is an X under the Exists column on the screen

Dialog Components		Feb 06, 2012 18:07:32	Page:	1 of 1
Packed reminder dialog: IHS-BLOOD PRESSURE 2011				
Item	Seq.	Dialog Findings	Type	Exists
	1	IHS-BLOOD PRESSURE 2011	dialog	

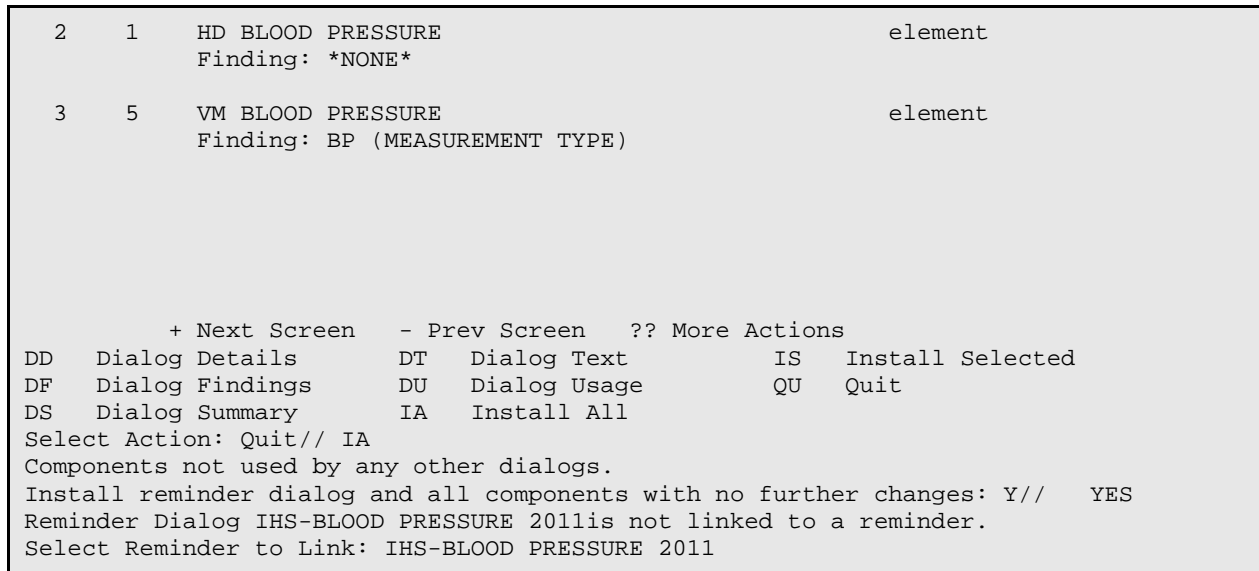


Figure 12-1: Sample Dialog Components window

12.1 Activate the Dialog

All dialogs are inactive if they are loaded from reminder exchange. This section describes how to activate the dialog so that they are visible within the EHR.

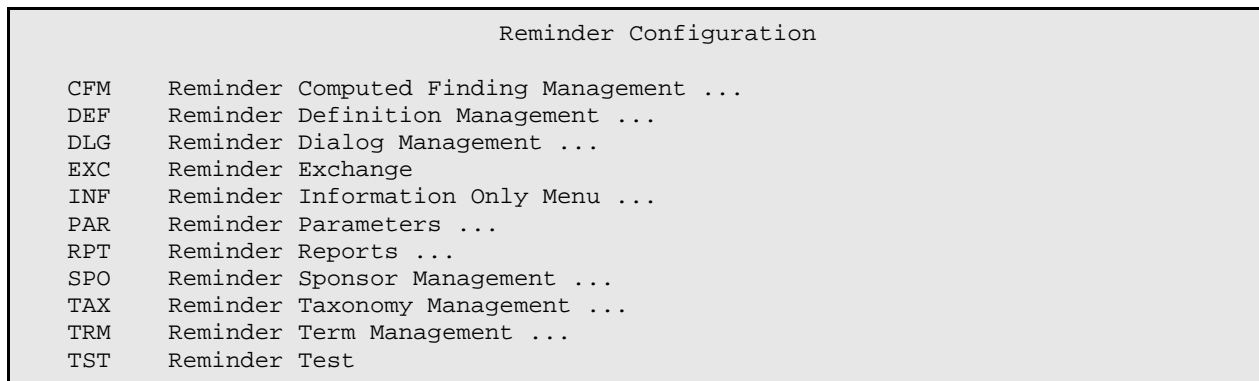


Figure 12-2: Options on Reminder Configuration menu

Use the DLG option to access the options on the Reminder Dialog Management menu.

12.1.1 Reminder Dialog Management (DLG)

Select Reminder Dialog Management from the Reminder Configuration Menu.



Figure 12-3: Options on the Reminder Dialog Management menu

Use the DLG option to access the options on the Reminder Dialog Management menu.

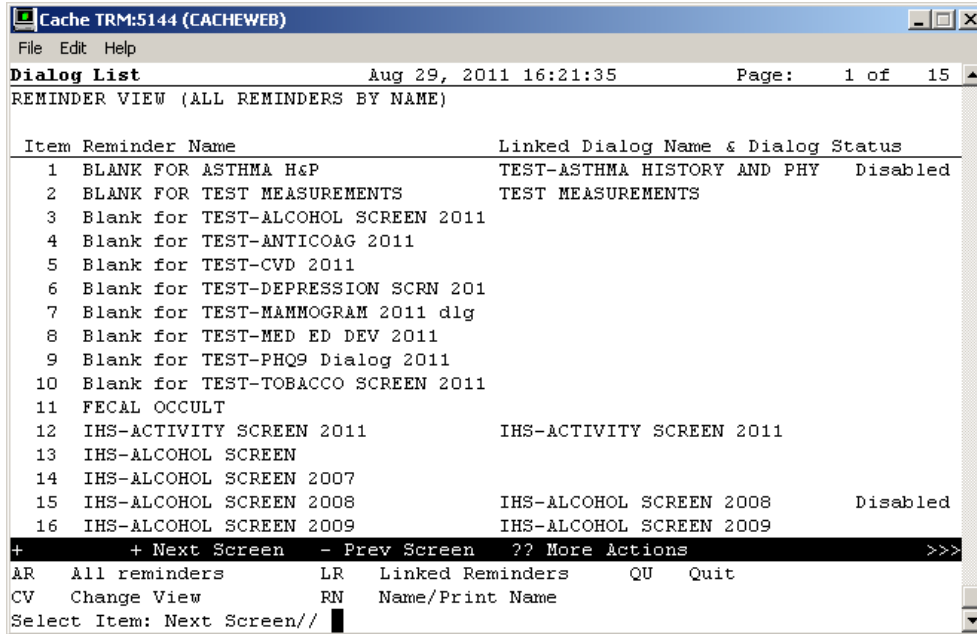


Figure 12-4: Sample Reminder View window

Choose CV and then choose D for dialogs.

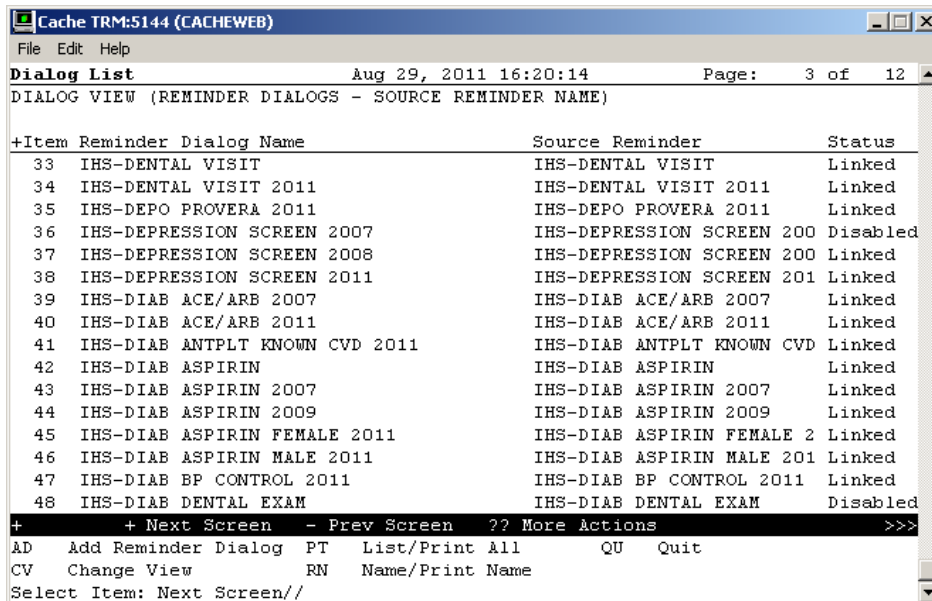


Figure 12-5: Sample Dialog View window

Choose the number of the item you want to edit.

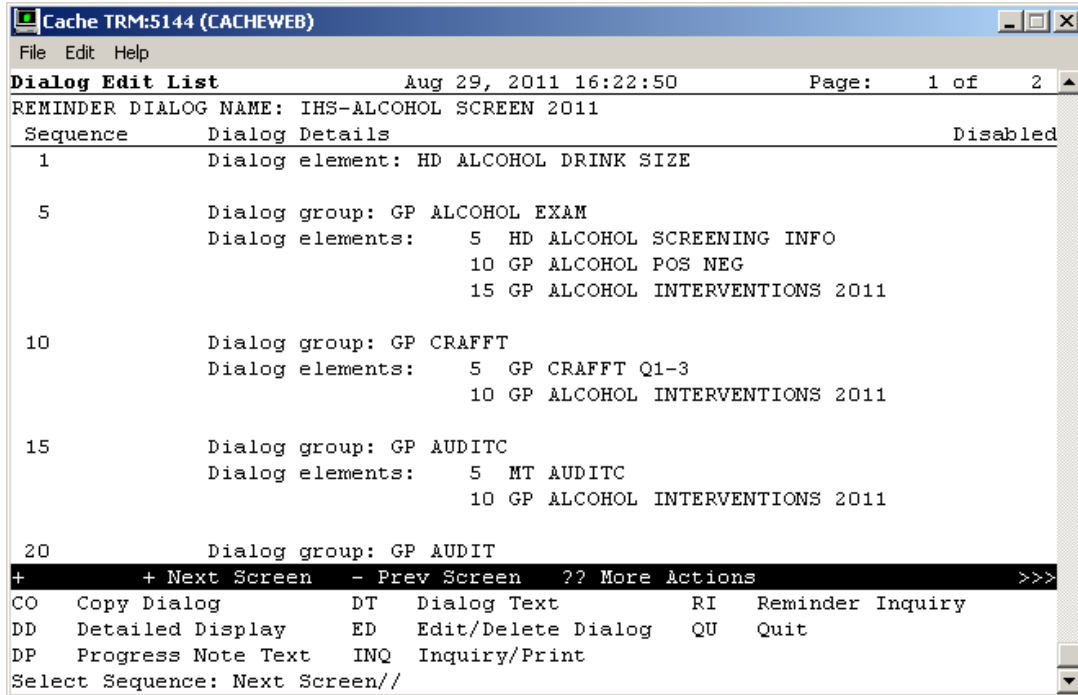


Figure 12-6: Sample Dialog Edit List window

1. Select the dialog. It will say Disabled instead of Linked.
2. Choose ED (Edit/Delete Dialog).
3. The second prompt will have: DISABLE: DISABLED IN EXCHANGE Replace.
4. Enter @ to delete this and say YES when it asks SURE YOU WANT TO DELETE?
5. Type ^ to quit editing.
6. The dialog should now say Linked.

12.1.2 Dialog Doesn't Link Automatically

Follow these steps if you do not see a dialog name under Linked Dialog Name and Dialog status.:

REMINDER VIEW (ALL REMINDERS BY NAME)		
Item	Reminder Name	Linked Dialog Name & Dialog Status
8	IHS-ANTICOAG DURATION OF TX 2011	IHS-ANTICOAG DURATION OF TX
9	IHS-ANTICOAG INR GOAL 2011	IHS-ANTICOAG INR GOAL 2011
10	IHS-ANTICOAG OCCULT BLOOD 2011	IHS-ANTICOAG OCCULT BLOOD 2
11	IHS-ANTICOAG THERAPY END DATE 2011	IHS-ANTICOAG THERAPY END DA
12	IHS-ANTICOAG UA 2011	IHS-ANTICOAG UA 2011
13	IHS-ASBI BNI 2011	IHS-ASBI BNI 2011

```

14 IHS-ASBI SCREENING 2011          IHS-ASBI SCREENING 2011
15 IHS-ASTHMA ACTION PLAN 2011

16 IHS-ASTHMA CONTROL 2009
+      + Next Screen  - Prev Screen  ?? More Actions          >>>
AR  All reminders      LR  Linked Reminders      QU  Quit
CV  Change View        RN  Name/Print Name
Select Item: Next Screen//15

REMINDER NAME: IHS-ASTHMA ACTION PLAN 2011
Item Dialog Name          Latest Update          Linked Reminders

Other dialogs generated from this reminder:

1  IHS-ASTHMA ACTION PLAN 2011          *NONE*

      + Next Screen  - Prev Screen  ?? More Actions          >>>
AD  Autogenerate Dialog          QU  Quit
LR  Link Reminder
Select Item: Quit// LR

REMINDER NAME: IHS-ASTHMA ACTION PLAN 2011
LINKED REMINDER DIALOG: IHS-ASTHMA ACTION PLAN 2011

Dialog Selection List          Feb 13, 2012 18:12:01
Page: 1 of 1
REMINDER NAME: IHS-ASTHMA ACTION PLAN 2011
Item Dialog Name          Latest Update          Linked Reminders

This reminder is linked to dialog:

1  IHS-ASTHMA ACTION PLAN 2011          IHS-ASTHMA ACTION PLAN

      + Next Screen  - Prev Screen  ?? More Actions          >>>
AD  Autogenerate Dialog          QU  Quit
LR  Link Reminder
Select Item: Quit//
    
```

Figure 12-7: Reminder Dialog – Linking dialog to the reminder

13.0 Dialog Parameter Changes

The following describes Step 10: Dialog Parameter Changes. It describes two modifications to the dialog parameters that must be made after installing the dialogs in this patch.

13.1 Disable the Diagnoses Code for Historical Entries

Reminder Configuration | Reminder Dialog Management | Dialog Parameters | General Finding Type Parameters

```

General Finding Type Parameters

HFR   Health Factor Resolutions
ITM   Finding Item Parameters
RES   Reminder Resolution Statuses
TAX   Taxonomy Dialog Parameters
TYP   General Finding Type Parameters 

Select Dialog Parameters Option: TYP

Finding Type Parameters

Item Finding Type Parameter
1  ASTHMA CONTROL
2  PROCEDURE (CPT)
3  EDUCATION TOPIC
4  EXAM
5  HEALTH FACTOR
6  IMMUNIZATION
7  ORDERABLE ITEM
8  DIAGNOSIS (POV)          Select 8
9  REFUSAL TYPE
10 SKIN TEST
11 VITAL MEASUREMENT

+ Next Screen  - Prev Screen  ?? More Actions          >>>
PT List/Print All      QU      Quit
Select Item: Quit// 8

FINDING TYPE PARAMETER NAME: POV - Diagnosis (Taxonomy)

Resolution Status      Prefix//Suffix & Prompts/Values/Actions      Status
1 DONE AT ENCOUNTER    Diagnosis recorded at encounter/           Enabled
                        /.
                        1] PXRM PRIMARY DIAGNOSIS
                        2] PXRM COMMENT
                        3] PXRM ADD TO PROBLEM LIST

2 DONE ELSEWHERE (HISTORICAL)History of Diagnosis/           Enabled
                        /.
                        1] PXRM VISIT DATE
                        2] PXRM OUTSIDE LOCATION
                        3] PXRM COMMENT
                        4] PXRM PRIMARY DIAGNOSIS

```

```

5] PXRМ ADD TO PROBLEM LIST

+ Next Screen  - Prev Screen  ?? More Actions          >>>
INQ Inquiry/Print      QU  Quit

Select number of Resolution Status to Edit: Quit//2  <==Edit number 2 and disable
DONE ELSEWHERE

ED - EDIT FINDING TYPE PARAMETER

FINDING TYPE PARAMETER NAME: POV - Diagnosis (Taxonomy)
RESOLUTION STATUS : DONE ELSEWHERE (HISTORICAL)

DISABLE RESOLUTION STATUS: DISABLED <==

DISABLE RESOLUTION STATUS: DISABLED
PREFIX TEXT: History of Diagnosis  Replace  ^<== "uphat" to quit
    
```

Figure 13-1: Beginning instructions

```

FINDING TYPE PARAMETER NAME: POV - Diagnosis (Taxonomy)

Resolution Status      Prefix//Suffix & Prompts/Values/Actions  Status
1 DONE AT ENCOUNTER    Diagnosis recorded at encounter/        Enabled
                        /.
                        1] PXRМ PRIMARY DIAGNOSIS
                        2] PXRМ COMMENT
                        3] PXRМ ADD TO PROBLEM LIST

2 DONE ELSEWHERE (HISTORICAL)History of Diagnosis/        Disabled 
                        /.
                        1] PXRМ VISIT DATE
                        2] PXRМ OUTSIDE LOCATION
                        3] PXRМ COMMENT
                        4] PXRМ PRIMARY DIAGNOSIS
                        5] PXRМ ADD TO PROBLEM LIST

+ Next Screen  - Prev Screen  ?? More Actions          >>>
INQ Inquiry/Print      QU  Quit
Select number of Resolution Status to Edit: Quit//
    
```

Figure 13-2: Example of Disabling the Diagnosis Code for Historical Entries

13.2 Editing Asthma Diagnosis Taxonomy Dialog

Reminder Configuration | Reminder Dialog Management | Dialog Parameters |
 General Finding Type Parameters

```

General Finding Type Parameters

HFR  Health Factor Resolutions
ITM  Finding Item Parameters
    
```

```

RES   Reminder Resolution Statuses
TAX   Taxonomy Dialog Parameters 
TYP   General Finding Type Parameters

Select Dialog Parameters Option: TAX

Taxonomy Dialog

Item Reminder Taxonomy
  1  IHS-ALCOHOL SCREEN
  2  IHS-ALCOHOL SCREEN 2007
  3  IHS-ASTHMA 2007 <--  this one
  4  IHS-BARIUM ENEMA
  5  IHS-BILATERAL MASTECTOMY 2008
  6  IHS-COLONOSCOPY
  7  IHS-COLONOSCOPY 2007
  8  IHS-COLORECTAL CANCER
  9  IHS-DEPO PROVERA
 10  IHS-DEPOPROVERA CODES
 11  IHS-DEPRESSION CODES 2007
 12  IHS-DEPRESSION SCREEN
 13  IHS-DIABETES DX
 14  IHS-DIABETES DX 2007
 15  IHS-DIABETES PROBLEMS ONLY
 16  IHS-DIABETIC NEPHROPATHY
+      + Next Screen  - Prev Screen  ?? More Actions      >>>
PT  List/Print All      QU  Quit
Select Item: Next Screen//3  <--Enter the # for IHS-ASTHMA 2007

TAXONOMY NAME: IHS-ASTHMA 2007
Taxonomy Dialog
  1      IHS-ASTHMA 2007
  1.1    IHS-ASTHMA 2007
          Selectable codes: 493.00 EXTRINSIC ASTHMA, UNSPECIFIED
                             493.01 EXTRINSIC ASTHMA WITH STATUS ASTHMATICUS
                             493.02 EXTRINSIC ASTHMA, WITH (ACUTE) EXACERBAT
                             493.10 INTRINSIC ASTHMA, UNSPECIFIED
                             493.11 INTRINSIC ASTHMA WITH STATUS ASTHMATICUS
                             493.12 INTRINSIC ASTHMA, WITH (ACUTE) EXACERBAT
                             493.20 CHRONIC OBSTRUCTIVE ASTHMA, UNSPECIFIED
                             493.21 CHRONIC OBSTRUCTIVE ASTHMA, WITH STATUS A
                             493.22 CHRONIC OBSTRUCTIVE ASTHMA, WITH (ACUTE)
                             493.81 EXERCISE INDUCED BRONCHOSPASM
                             493.82 COUGH VARIANT ASTHMA
                             493.90 ASTHMA, UNSPECIFIED
                             493.91 ASTHMA, UNSPECIFIED TYPE, WITH STATUS AS
                             493.92 ASTHMA, UNSPECIFIED, WITH (ACUTE) EXACER
+      + Next Screen  - Prev Screen  ?? More Actions      >>>
ED  Edit      INQ  Inquiry/Print      QU  Quit
Select Action: Next Screen// ED  <-edit

Dialog Text Fields
DIALOG HEADER TEXT: ASTHMA DIAGNOSIS  <--Type in "Asthma Diagnosis"
CURRENT VISIT DX DIALOG HDR: //Today's Purpose of Visit:<--Type"Today's Purpose of
Visit
HISTORICAL VISIT DX DIALOG HDR: DIALOG HEADER TEXT:
          Replace  ^  <--uphat to exit

```

Figure 13-3: Editing the Asthma 2007 Dialog Header

14.0 Review Reminder Terms

The following is information about Step 11: Review Reminder Terms. It describes how to review and populate reminder terms.

Reminder terms that are education topics, exams, health factors or VA drug classes are installed automatically when the build is installed and do not need to be edited. Reminder terms that are laboratory tests or individual drugs need to be edited by the site. Since each site has different lab tests or drugs, these terms come empty and therefore, reminders will not resolve until they are populated.

The following are reminder terms that need to be checked in PXRМ 1.5p1008. If you used OVERWRITE when installing the term, you may have overwritten a term that you had previously populated. Please refer to the Appendix for a detailed list of all reminder terms and their contents.

IHS-ASPIRIN
 IHS-DEPO PROVERA
 IHS-DEPO PROVERA ORDERABLE ITEM
 IHS-DIAB NEPHROPATHY LABS
 IHS-EGFR
 IHS-FECAL OCCULT BLOOD
 IHS-HGBA1C
 IHS-HGBA1C REEVALUATE
 IHS-LIPID LAB TESTS
 IHS-MAMMOGRAM TERMS
 IHS-PAP SMEAR
 IHS-CLOPIDOGREL
 IHS-URINE ALBUMIN

1. Reminder Configuration Menu | Reminder Term Management | Inquire about Reminder Term menu option.
2. Review the term first using the “Inquire about Reminder Term” menu option.

```

Reminder Term Management

CPY      Copy Reminder Term
EDT      Reminder Term Edit
INQ      Inquire about Reminder Term

Select Reminder Term Management Option:  INQ

Inquire about Reminder Term
Select Reminder Term:  IHS-HGBA1c
1  IHS-HGBA1C          VISN
  
```



```

      2  IHS-HGBA1C REEVALUATE      VISN
CHOOSE 1-2: 1  IHS-HGBA1C      VISN
DEVICE:  VIRTUAL TERMINAL      Right Margin: 80//

-----
IHS-HGBA1C
-----
Class: VISN
Sponsor:
Date Created:
Review Date:
Description:
The lab tests at a site that are the hemoglobin A1c test
Edit History:
Edit Date: NOV 11,2004 11:50 Edit By: HAGER,MARY G
Edit Comments:
Findings: <- The finding may be blank. Follow the instructions to enter the items
that are being used by your site.

```

Figure 14-1: Beginning instructions

3. Edit the Reminder: Select “Reminder Term Edit” from the Reminder Term Management Menu

```

CPY    Copy Reminder Term
EDT    Reminder Term Edit
INQ    Inquire about Reminder Term

Select Reminder Term Management Option EDT

Select Reminder Term:      IHS-HGBA1C      VISN
...OK? Yes//      (Yes)

NAME: IHS-HGBA1C//
CLASS: VISN//
REVIEW DATE:
DESCRIPTION:
The lab tests at a site that are the hemoglobin A1c test

Edit? NO//
Select FINDING ITEM: // ??

Choose from:
HGBA1C
HGB A1C (REF)
HGB A1C (WWH)

You may enter a new FINDINGS, if you wish
Enter one of the following:
DR.EntryName to select a DRUG
ED.EntryName to select a EDUCATION TOPIC
EX.EntryName to select a EXAM
HF.EntryName to select a HEALTH FACTOR
IM.EntryName to select a IMMUNIZATION
LT.EntryName to select a LABORATORY TEST
MT.EntryName to select a MEASUREMENT TYPE
OI.EntryName to select a ORDERABLE ITEM

```

```

RP.EntryName to select a RADIOLOGY PROCEDURE
CF.EntryName to select a REMINDER COMPUTED FINDING
TX.EntryName to select a REMINDER TAXONOMY
ST.EntryName to select a SKIN TEST
DC.EntryName to select a VA DRUG CLASS
DG.EntryName to select a VA GENERIC
VM.EntryName to select a VITAL MEASUREMENT

To see the entries in any particular file type <Prefix.??>

If you simply enter a name then the system will search each of
the above files for the name you have entered. If a match is
found the system will ask you if it is the entry that you desire.

However, if you know the file the entry should be in, then you can
speed processing by using the following syntax to select an entry:
  <Prefix>.<entry name>
    or
  <Message>.<entry name>
    or
  <File Name>.<entry name>

Also, you do NOT need to enter the entire file name or message
to direct the look up. Using the first few characters will suffice.

Select FINDING ITEM: HGBA1C// LT.HGBA1C

  Searching for a LABORATORY TEST, (pointed-to by FINDING ITEM)
HGBA1C
  ...OK? Yes// YES
FINDING ITEM: HGBA1C//
EFFECTIVE PERIOD:
USE INACTIVE PROBLEMS:
WITHIN CATEGORY RANK:
EFFECTIVE DATE:
MH SCALE:
CONDITION:
CONDITION CASE SENSITIVE:
RX TYPE:
Select FINDING ITEM:
Input your edit comments.
Edit? NO//

```

Figure 14-2: Adding a lab test to a lab reminder term

Important: If there is more than one test that will satisfy the reminder, enter each one!

15.0 Manually Update Dialogs

The following is information about Step 12: Manually Update Dialogs

If your site has NOT made any changes to the existing national dialogs, skip to the next section.

If you removed additional findings in Step 5, then you might want to add them back in. Consider manually updating the dialogs. If you've modified a dialog, installation of a new dialog element/group with the same name from the exchange will overwrite:

- a. any populated field resolution, finding item, dialog text, etc.
- b. blank fields do not overwrite anything and will not remove additional findings if you added them previously. This can cause errors on install and/or require manual updating.

16.0 EHR Reminder Configuration

The following is information about Step 13: EHR Reminder Configuration

It describes how to configure the Electronic Health Record to display the reminders. Sites can choose to activate the reminders just for specific users during a testing phase. If needed, add the REMINDER COMPONENTS to the health summary so they can be seen and printed on the Reports tab.

This section describes how to remove the old reminders from the EHR and add the new ones. If your site does not use the reminder, then do not add the reminder to EHR because it will always show up as due.

Follow these steps to remove the old reminders from the display:

1. From EHR, click on the reminder clock
2. Select Action | Edit Cover Sheet Reminder List. Reminders can be edited for the System, Division, Service, Location, User Class or User. Sites can choose to activate the reminders for specific users during a testing phase.
3. Sites should remove old reminders from the System Level once they are ready to deploy the new reminders across the facility. Double click on the old reminder(s) listed in the bottom right pane to remove it from the cover sheet list.
4. Select the reminders with the date 2011 from the “Available Reminders & Categories” column and double click to add them to the System Level Reminders column.

Note: The IHS-IMMUNIZATION FORECAST 2011 reminder must be at the top of the list.

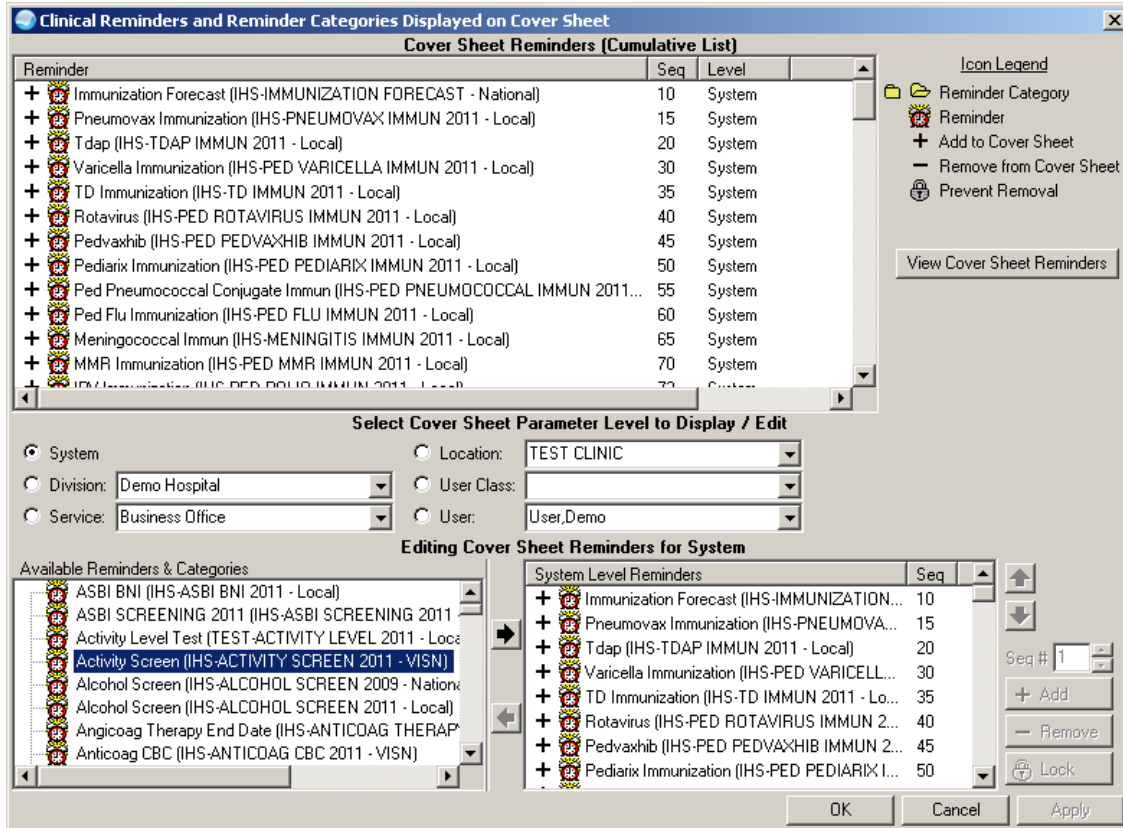


Figure 16-1: Clinical Reminders and Reminder Categories displays on Cover Sheet window

Note: The following dialogs were not intended to be setup as reminders. Do not link these dialogs to their reminder. The reminder is a blank reminder that was used as a vehicle to import/export the dialog. Follow the instructions in the TIU Reminder Dialogs Section to set these up as templates instead of Reminders.

- IHS-ASBI BNI 2011
- IHS-ASBI SCREENING 2011
- IHS-ASTHMA INTAKE 2011
- IHS-MED ED 2011
- IHS-MED THERAPY MNGT 2011
- IHS-PED PEDIARIX IMMUN 2011
- IHS-PHN HOSP DC VISIT 2011
- IHS-PHQ9 SCREEN 2011

IHS-SCREENING BUNDLE 2011

17.0 Inactivate the Old Reminder and Dialog

The following is information about Step 14: Inactivate the Old Reminder and Dialog

When the new reminders are active, inactivate the old dialogs and all the old reminders:

1. Inactivate the dialog through the Reminder Dialog menu option:

Reminder Dialog Management | Reminder Dialogs | Select Reminder # | Select Dialog # | Edit/Delete Dialog | Enter YES at the DISABLED prompt.

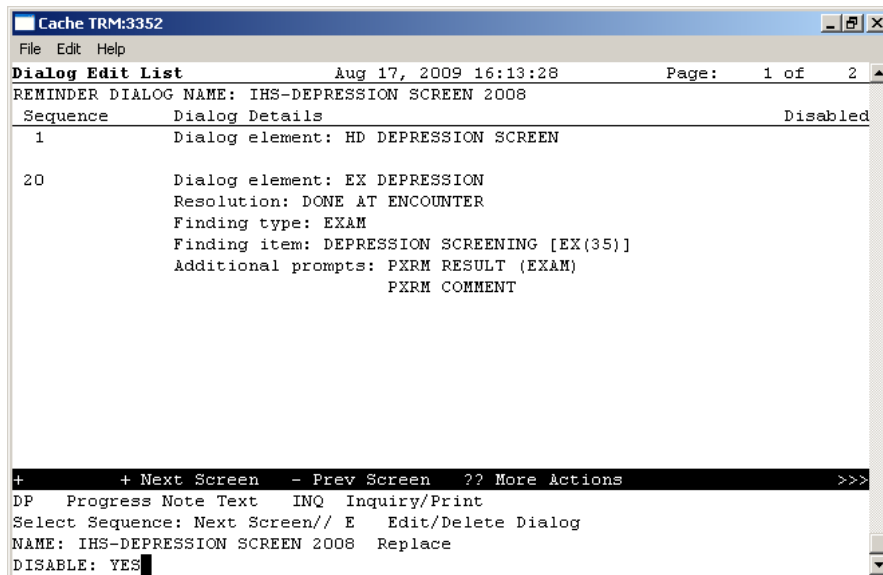
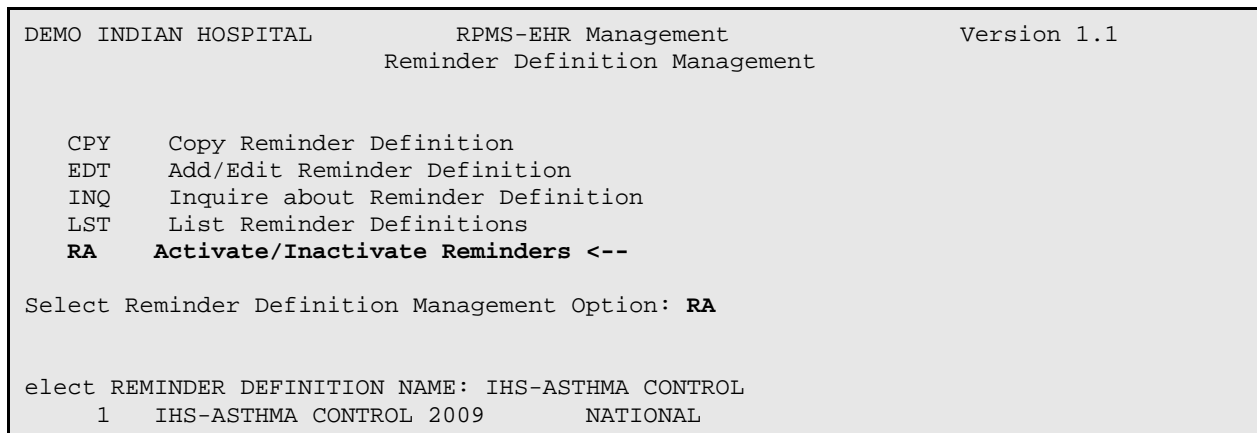


Figure 17-1: Dialog Edit List window

2. Use the Activate/Inactivate Reminders Menu Option to inactivate the Reminder:

RPMS-EHR Configuration Master Menu Option | Reminder Managers Menu Option | Reminder Definition Management | Activate/Inactivate Reminders



```

2   IHS-ASTHMA CONTROL 2011      NATIONAL
CHOOSE 1-2: 1  IHS-ASTHMA CONTROL 2009      NATIONAL
INACTIVE FLAG: I
    
```

Figure 17-2: Inactivating the Old Reminder and Dialog

3. You may wish to print a fileman report that lists all of your Active Reminder Definitions:

Generate a list of Active Clinical Reminders in Fileman
 Select Search Template System Option: fgen FileMan (General)

- 1 Enter or Edit File Entries
- 2 Print File Entries
- 3 Search File Entries**
- 4 Inquire to File Entries

Select FileMan (General) Option: 3

Prompt	User entry
OUTPUT FROM WHAT FILE: REPRODUCTIVE FACTORS//	REMINDER DEFINITION
-A- SEARCH FOR REMINDER DEFINITION FIELD:	1.6
-A- CONDITION:	Null
-B- SEARCH FOR REMINDER DEFINITION FIELD:	<enter>
IF: A// INACTIVE FLAG NULL	<enter>
STORE RESULTS OF SEARCH IN TEMPLATE:	<enter>
SORT BY: NAME//	<enter>
START WITH NAME: FIRST//	<enter>
FIRST PRINT FIELD:	.01;L50
THEN PRINT FIELD:	1.6;L10
Heading (S/C): REMINDER DEFINITION SEARCH Replace	... <enter> With Active Reminders
Replace	<enter>
STORE PRINT LOGIC IN TEMPLATE:	<enter>
DEVICE: CONSOLE Right Margin: 80//	<enter> (to scroll on screen 0;80;99999 (if you want have session log on)

Figure 17-3: Generate list of Active Reminders in Fileman

Your list will look similar to this:

Active Reminders JUN 12,2012 13:06 PAGE 9
INACTIVE
NAME FLAG

IHS-PED DT IMMUN 2012
IHS-PED DTAP IMMUN 2008
IHS-PED DTAP IMMUN 2011
IHS-PED DTAP IMMUN 2012
IHS-PED FLU IMMUN 2011
IHS-PED FLU IMMUN 2012
IHS-PED HEPA IMMUN 2011
IHS-PED HEPA IMMUN 2012
IHS-PED HEPB IMMUN 2011
IHS-PED HEPB IMMUN 2012
IHS-PED HIBTITER IMMUN 2011

Figure 17-4: Active Reminders list from Fileman

18.0 Setup TIU Reminder Dialogs as Templates

The following is information about Step 15:

Setup TIU Reminder Dialogs as Templates. Several TIU reminder dialogs were included in this build. Sites can create these as TIU templates using the following instructions.

1. Select the menu options: RPMS-EHR Configuration Master Menu Option | TIU Parameters ... | Reminder Dialogs Allowed as Templates
2. Add the Dialogs to the TIU parameter TIU TEMPLATE REMINDER DIALOGS

```

TIU TEMPLATE REMINDER DIALOGS may be set for the following:

    1  User           USR   [choose from NEW PERSON]
    3  Service        SRV   [choose from SERVICE/SECTION]
    4  Division       DIV   [choose from INSTITUTION]
    5  System         SYS   [DEMO.MEDSPHERE.COM]

Enter selection: 5  System  DEMO.MEDSPHERE.COM

--- Setting TIU TEMPLATE REMINDER DIALOGS for System: DEMO.MEDSPHERE.COM ---
Select Display Sequence: ?

Display Sequence  Value
-----
1                561
2                IHS-ALLERGY 2011
3                IHS-PED PEDIARIX IMMUN
4                TEST VITAL
5                LOCAL EKG
6                TEST
7                GROUP ORDERS
8                TIU-ASTHMA DOCUMENTATION
10               IHS-ASBI BNI 2011
11               IHS-ASBI SCREENING 2011
12               IHS-ASTHMA INTAKE 2011
13               IHS-MED ED 2011
14               IHS-MED THERAPY MGNT 2011

Select Display Sequence: 15
Are you adding 15 as a new Display Sequence? Yes// YES

Display Sequence: 15// 15
Clinical Reminder Dialog: IHS-PHQ9 SCREEN 2011      reminder dialog      LOCAL
...OK? Yes// (Yes)

Select Display Sequence: 16
Are you adding 16 as a new Display Sequence? Yes// YES

Display Sequence: 16// 16
Clinical Reminder Dialog: IHS-SCREENING BUNDLE 2011  reminder dialog      LO
CAL
...OK? Yes// (Yes)

```

Select Display Sequence:

Figure 18-1: Adding Reminder Dialogs to Templates

3. In the Template Editor on the Notes Tab in TIU, you can set these templates up as Reminder templates.
4. Create a New Template and name it.
Select the type to be Reminder Dialog from the dropdown
5. Select the dialog to attach from the other drop down menu:

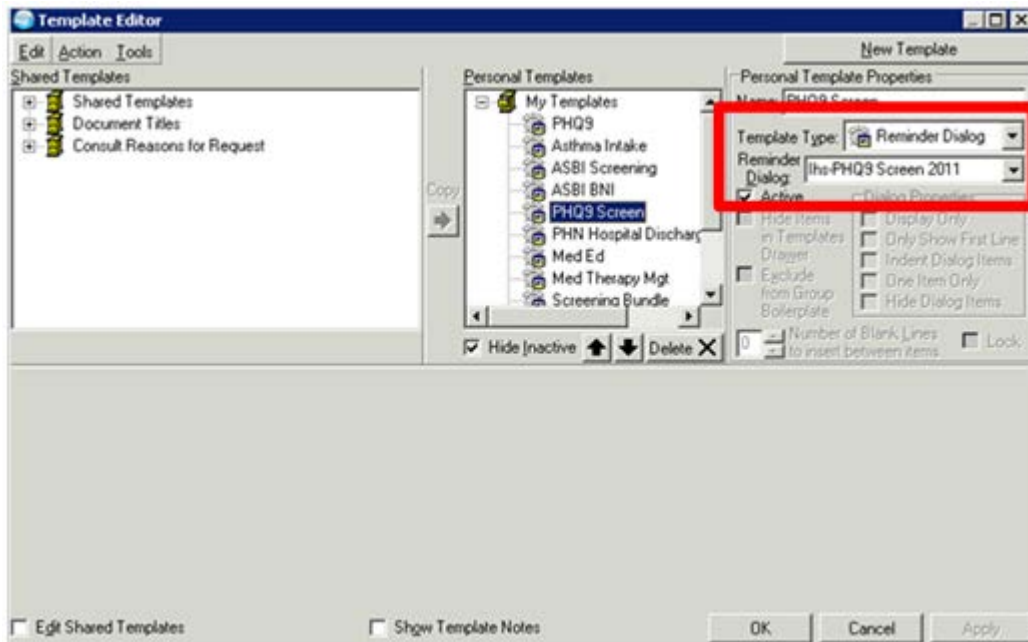


Figure 18-2: Attaching a dialog to a template

6. Click Apply to save your template. It can now be used in any way that you normally use a TIU template.

18.1 IHS-ASBI BNI 2011

Alcohol documentation which includes CPT coding and education codes.

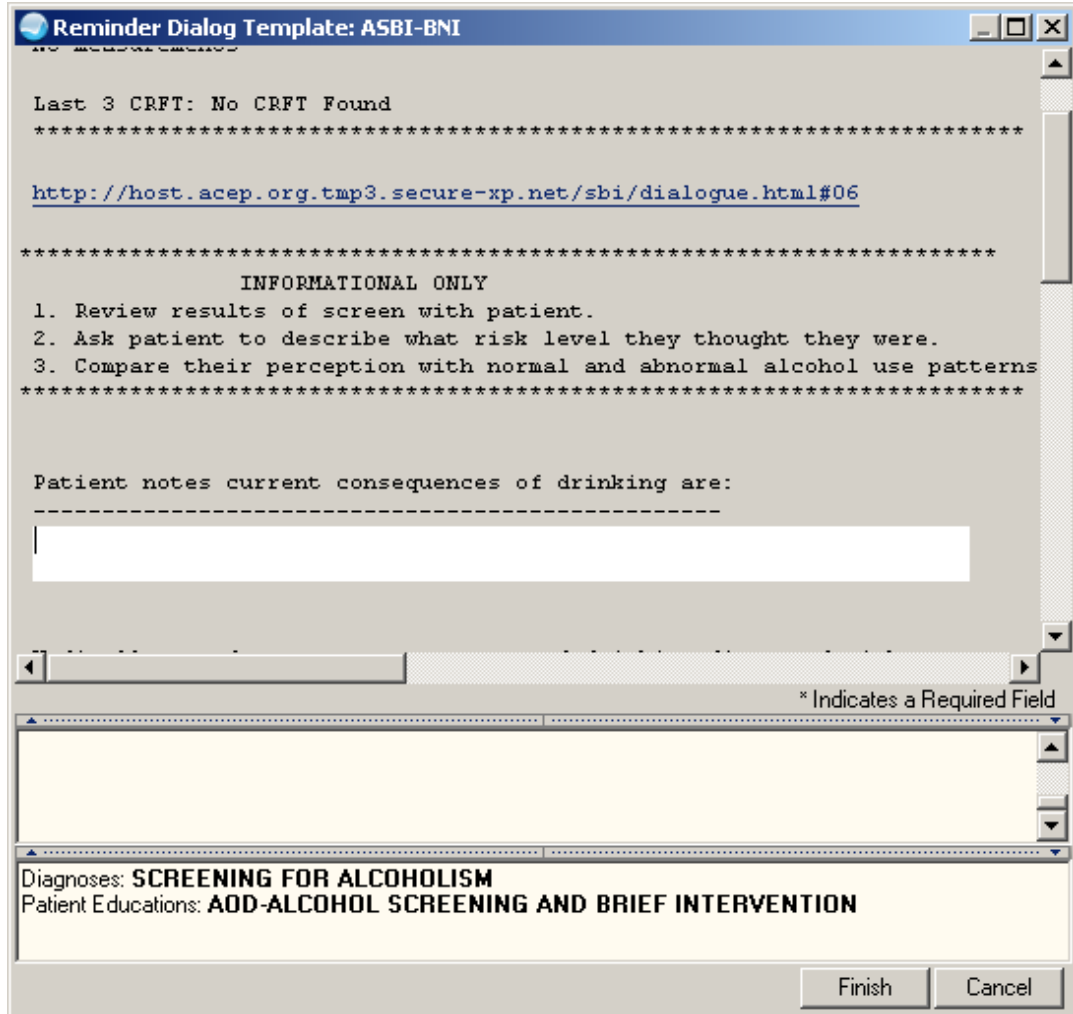


Figure 18-3: ABSI Documentation Part 1

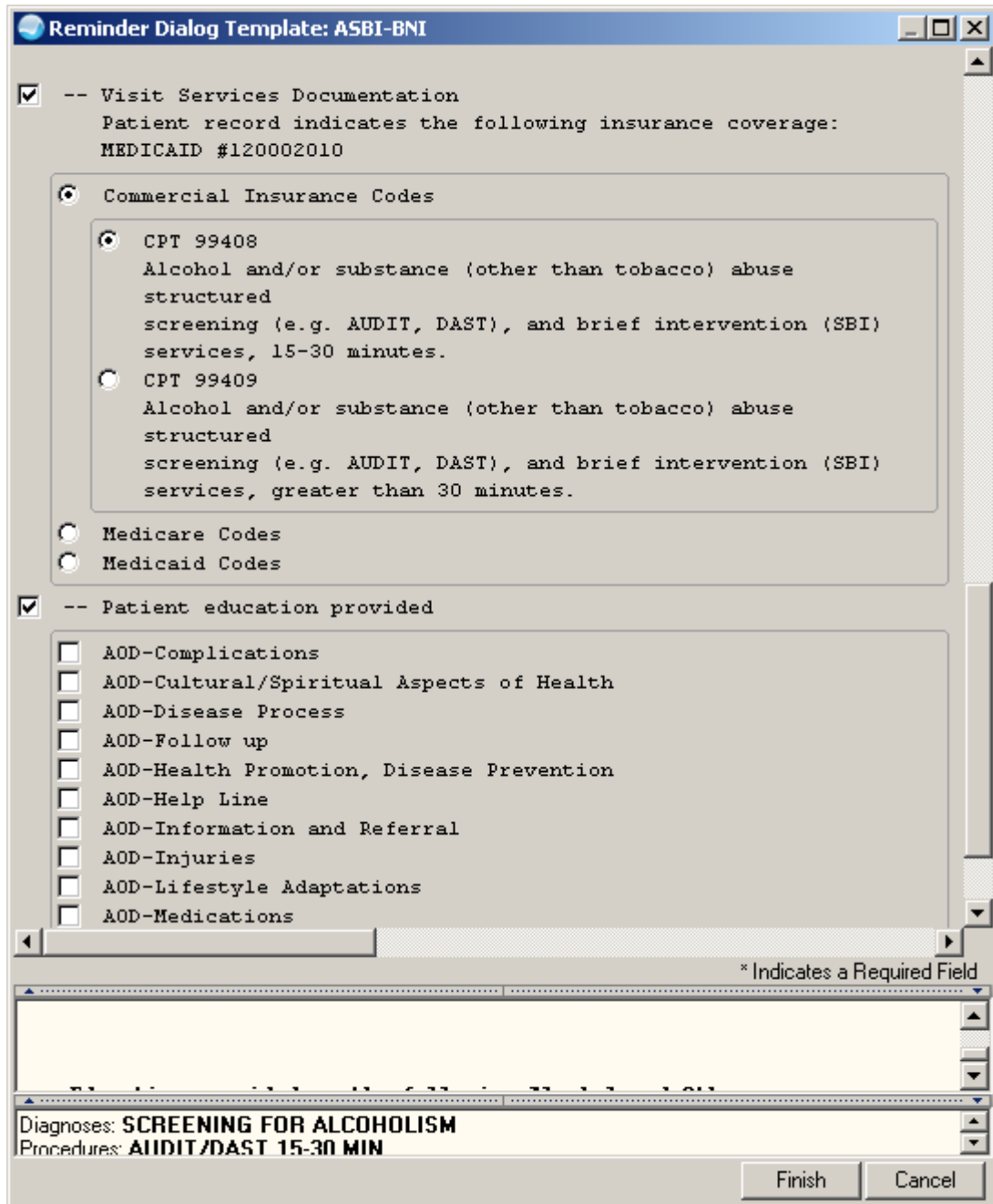


Figure 18-4: ABSI Documentation tool Part 2

18.2 IHS-ASBI SCREENING 2012

Alcohol Screening dialog tool with 3 different types of screening

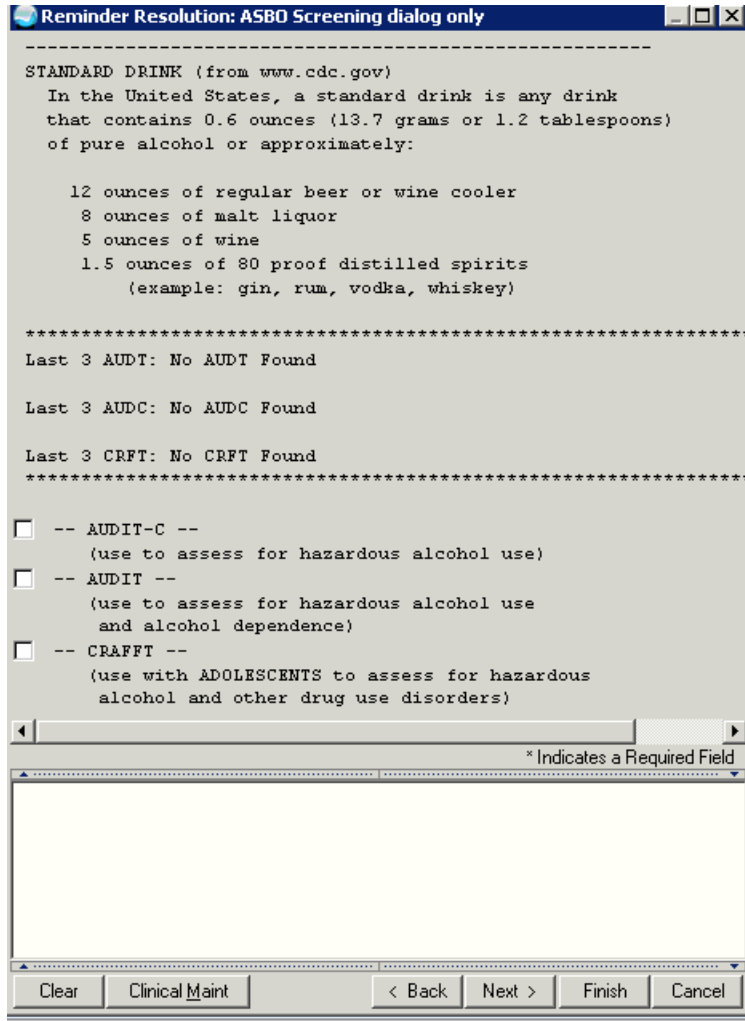


Figure 18-5: Alcohol ASBI Screening Tool

18.3 IHS-ASTHMA INTAKE 2012

Asthma Intake tool for asthma data. Allows for input of vital signs, triggers and symptom history.

Reminder Resolution: Asthma Intake dialog only

-- Measurements: HC:10.00 (25.40 cm)
Best Peak Flow: None found

Best Peak Flow:
 Peak flow today:
 Asthma days missed work
(number of days missed work or school in past 2 weeks)
 Asthma symptom free days
(number of days in the past 2 weeks had NO asthma symptoms)
 Temp:
 Pulse:
 Resp:
 Blood Pressure:
 -- Weight:
 -- Height:

Asthma Questionnaire
Current symptoms: NONE

===== ASSESSMENT OF CONTROL =====
Do you check peak flows at home? Yes No Unknown
Average peak flows past 2-4 weeks N/A
-- % of Best Peak Flow: >80% predicted/personal best
-- Daytime symptoms: > 2 days/wk but not throughout day *
-- Nighttime symptoms: 2 night/mo or less
-- Short acting beta agonist (not incl. prevention of EIB)
> 2 days/wk but not throughout day *
-- Interferes w/normal activity:
some limitation *

===== Risk =====
oral steroid courses past year?
 0 1 2 or more **/**

* Indicates a Required Field

Asthma Intake dialog only:

-- Measurements: HC:10.00 (25.40 cm)
Best Peak Flow: None found

Asthma Questionnaire
Current symptoms: NONE

Clear Clinical Maint < Back Next > Finish Cancel

Figure 18-6: Asthma Intake Part 1

Reminder Resolution: Asthma Intake dialog only

==== Risk ====

oral steroid courses past year?

0 1 2 or more */**

-- Asthma Triggers

*** Asthma Triggers are cumulative only ADD if reports new triggers

No data available for ASTHMA TRIGGERS

- Air Pollutants
- Animal
- Change in weather
- Cockroaches
- Exercise
- Henses
- Mold
- Pollen
- Strong emotional expression
- Tobacco smoke
- Viral infection
- Other trigger

-- Tobacco use and exposure assessment

- Tobacco Use Assessment --
- Tobacco Exposure Assessment --

* Indicates a Required Field

Asthma Intake dialog only:

-- Measurements: HC:10.00 (25.40 cm)

Best Peak Flow: None found

Asthma Questionnaire

Current symptoms: NONE

Clear Clinical Maint < Back Next > Finish Cancel

Figure 18-7: Asthma Intake Part 2

18.4 IHS-MED ED 2011

Medication counseling dialog template

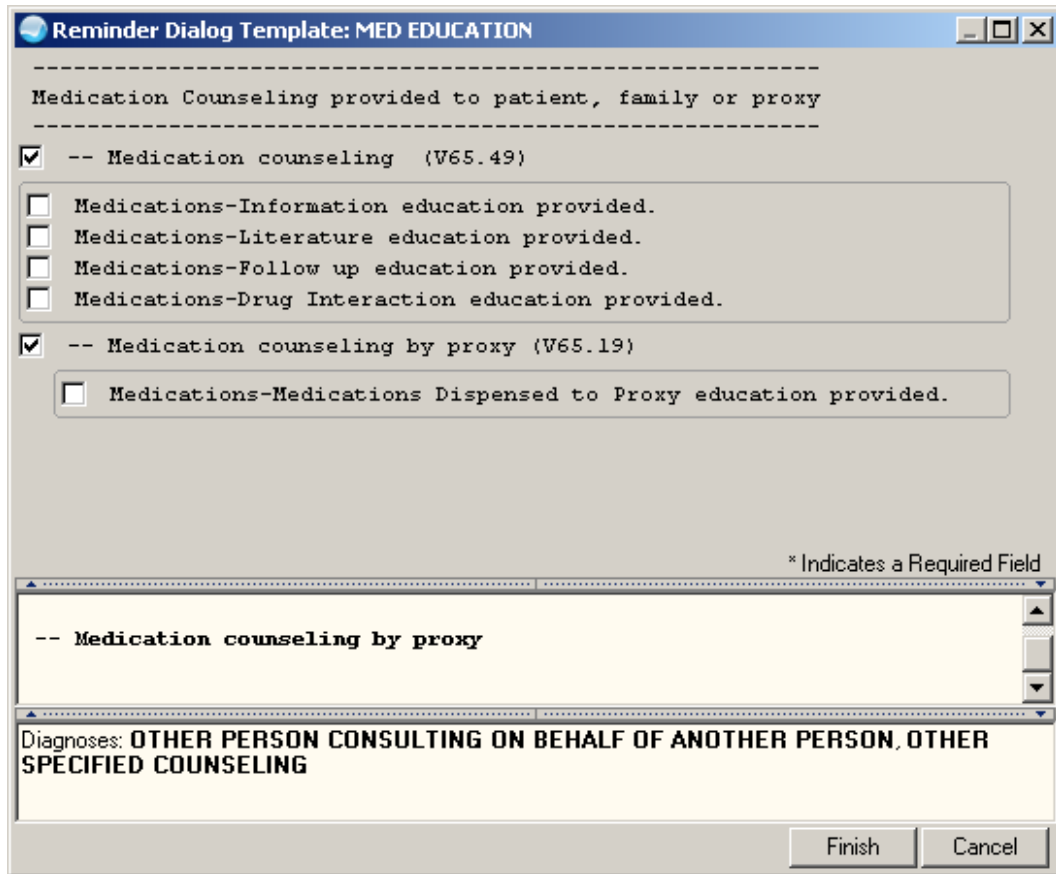


Figure 18-8: Med Education Dialog

18.5 IHS-MED THERAPY MNGT 2011

Dialog for documentation of medication management therapy including a patient wellness handout. Sites need a health summary object called PWH MED REC FOR MTM to load this dialog. Includes action plan, documentation of education and the CPT codes for this activity.

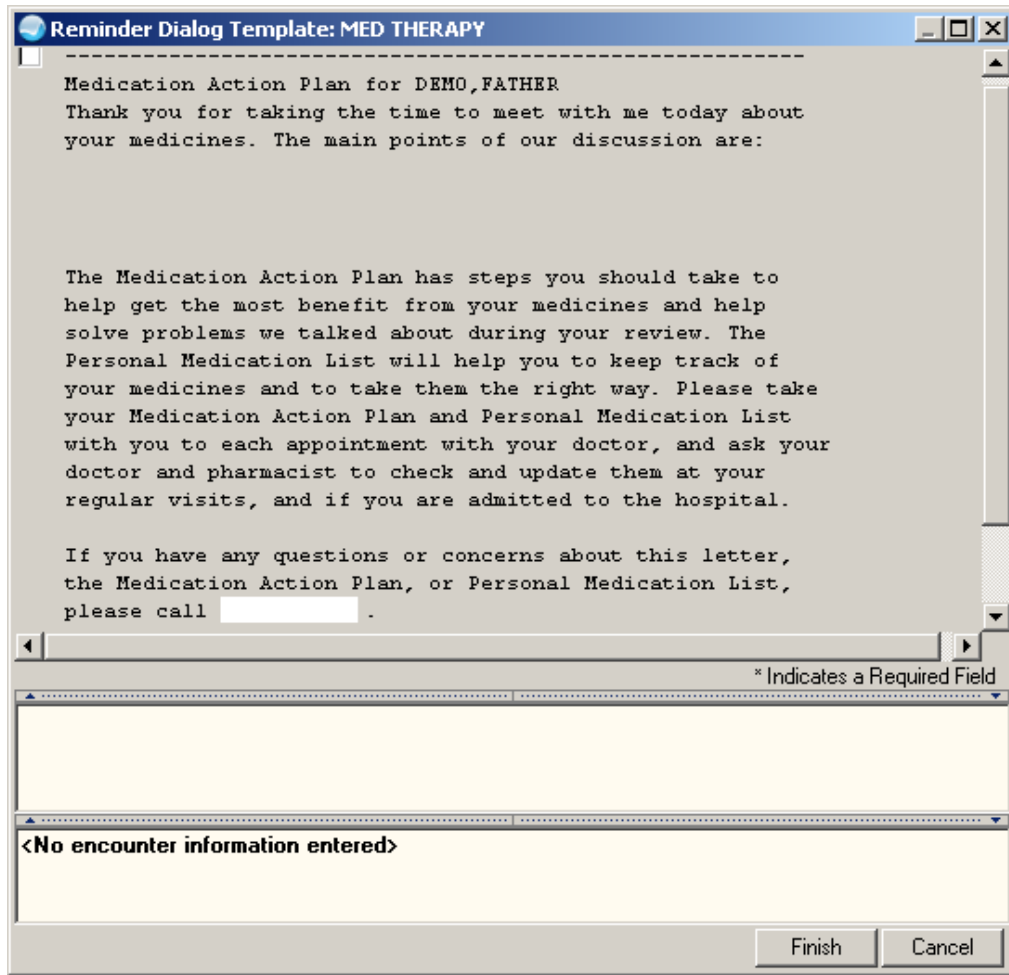


Figure 18-9: Medication Therapy part 1

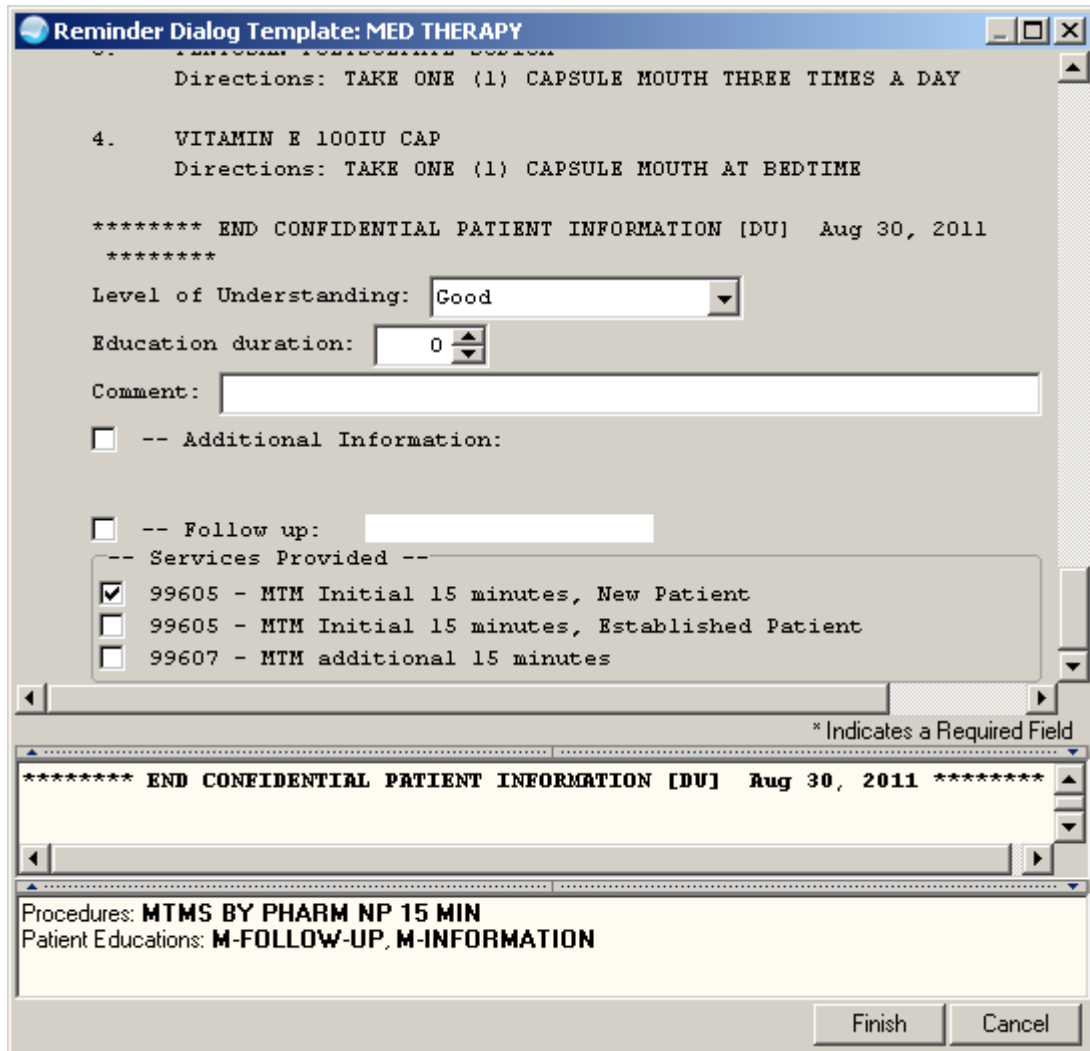


Figure 18-10: Medication Management part 2

18.6 IHS-PED PEDIARIX IMMUN 2012

This dialog is used to document the immunization. It is not intended to be used in a reminder for forecasting information. Please refer to the reminder for each individual component of this vaccine for forecasting information.

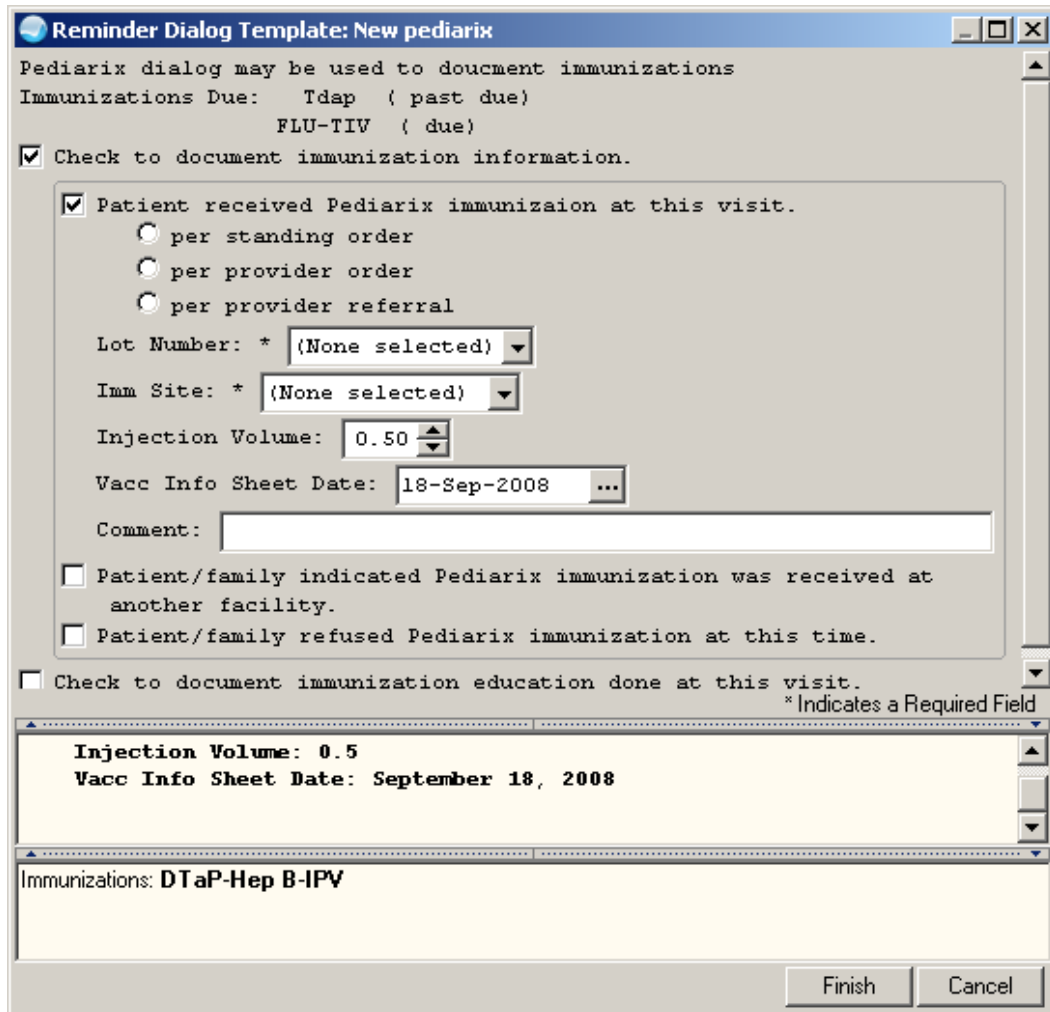


Figure 18-11: Pediarix documentation

18.7 IHS-PHN HOSPITAL DC VISIT 2011

This dialog allows documentation of PHN Hospital discharge visit information. This extensive template allows for documentation of Occupational Health Factors, tobacco, alcohol, depression, IPV screening, functional status, and visit SOAP information.

Reminder Resolution: PHN Hosp DC dialog only

Enter the following in EHR prior to using dialog
-- Chief Complaint
-- Vital signs
-- Activity time
-- Functional assessment if 55 or older (in "Personal Health")
-- Any refusals (in "Personal Health")
-- POV for visit

PUBLIC HEALTH NURSING FOLLOW UP

* HOME OFFICE OTHER (specify) [] visit
with
ABBITA, JILLIAN ROSE, FEMALE, 71 yrs old

Referral received: [] ...

From:
 Hospital discharge
 Hospital discharge after readmission
 Obstetrical ward and related to
[]

Family present during visit? Yes No

SUBJECTIVE
No Chief Complaint.
[]

* Indicates a Required Field

PHN Hosp DC dialog only:

PUBLIC HEALTH NURSING FOLLOW UP

visit with
ABBITA, JILLIAN ROSE, FEMALE, 71 yrs old

Clear Clinical Maint < Back Next > Finish Cancel

Figure 18-12: PHN Hospital DC Visit Documentation

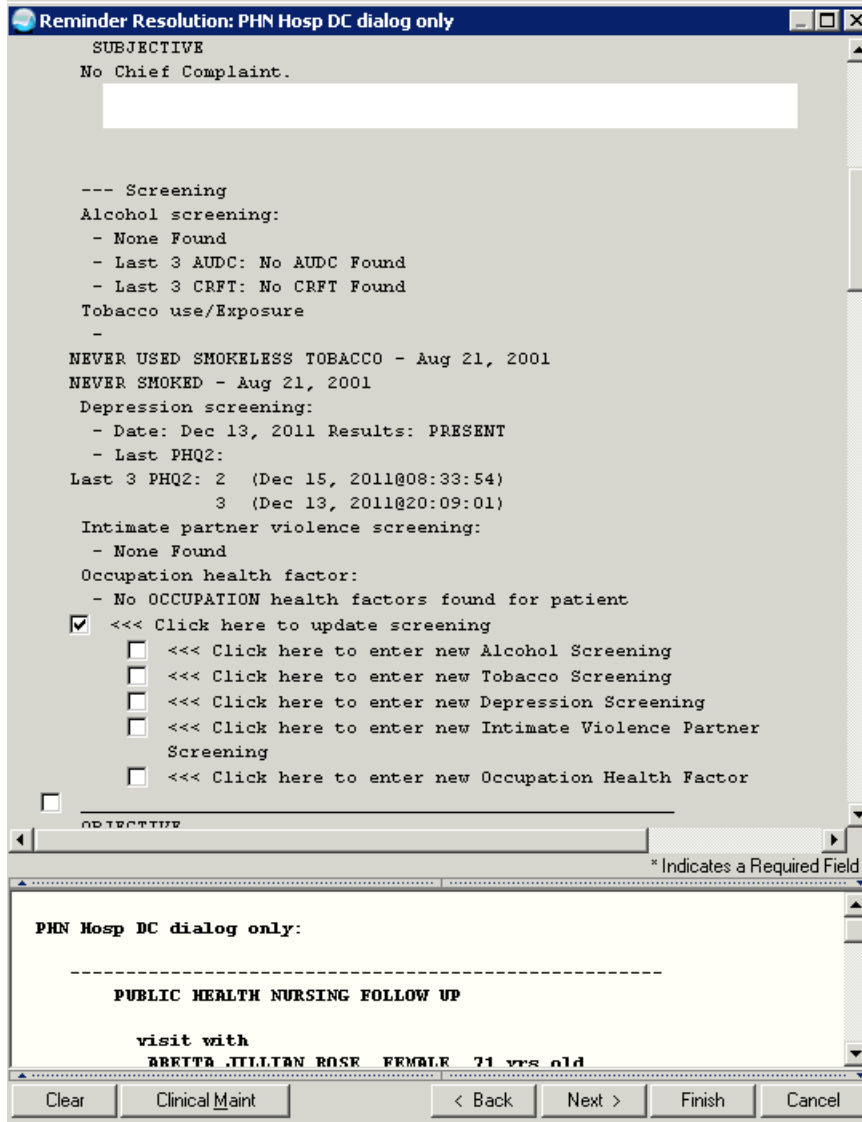


Figure 18-13: Screening section of the dialog

Reminder Resolution: PHN Hosp DC dialog only

OBJECTIVE

-

Patient is Alert and Orientated to

Cooperative with care? Yes No

Appetite Good Fair Poor

Adequate food * is is not available

Personal Hygiene :

Kempt-clean grooming/clothing noted

Unkempt-poor grooming/malodor noted

Ambulation:

Independent

Dependent on cane

Dependent on walker

Dependent on wheelchair

Confined to bed

Mucous Membranes : moist dry

Skin : warm, dry, intact

Lungs : clear to auscultation bilaterally

Heart : Regular Rate and Rhythm

Peripheral pulses : Positive x 4 extremities

Edema : none noted x 4 extremities

* Indicates a Required Field

PHN Hosp DC dialog only:

PUBLIC HEALTH NURSING FOLLOW UP

visit with

BRETTA JULIEN ROSE FEMALE 71 yrs old

Clear Clinical Maint < Back Next > Finish Cancel

Figure 18-14: Objective section of the dialog

Reminder Resolution: PHN Hosp DC dialog only

ASSESSMENT

1) HTN [P]

PHN Assessment/Nursing Diagnosis :

Modern conveniences in home (check all that apply):

- Electricity
- Plumbing
- Heating
- Home Phone
- Air conditioning
- Stove
- Refrigerator
- Dishwasher
- Microwave
- Computer
- Cell phone

Home Risk Assessment

- Home environment - Safe without risk factors
- Home environment - the following risk factors were noted:
 - *
 - Unkempt-unclean environment
 - Steps that are steep
 - Steps without handrails

* Indicates a Required Field

PHN Hosp DC dialog only:

ASSESSMENT

Clear Clinical Maint < Back Next > Finish Cancel

Figure 18-15: Assessment section of the dialog

Figure 18-16: Plan of Care

18.8 IHS-PHQ9 SCREEN 2011

Input dialog to store results of PHQ9 screening tool. Includes a risk assessment and follow up actions.

Reminder Dialog Template: PHQ9

 PREVIOUS PHQ scores:
 PHQ2: Last 3 PHQ2: 4 (Apr 15, 2011@08:58:24)
 Last 3 PHQ9: No PHQ9 Found

-- PHQ9 Assessment --

PHQ9 Copyright Pfizer Inc. All rights reserved. Reproduced with permission. PRIME-MD is a trademark of Pfizer Inc.

ASK PATIENT: Over the LAST 2 WEEKS, how often have you been bothered by any of the following problems?

1. Little interest or pleasure in doing things
 Response: * [dropdown]

2. Feeling low, depressed, hopeless
 Response: * [dropdown]

3. Trouble falling or staying asleep, or sleeping too much
 Response: * [dropdown]

4. Feeling tired or having little energy
 Response: * [dropdown]

5. Poor appetite or overeating
 Response: * [dropdown]

* Indicates a Required Field

9. Thoughts that you would be better off dead, or of hurting yourself in some other way

<No encounter information entered>

Finish Cancel

Figure 18-17: PHQ9 part 1

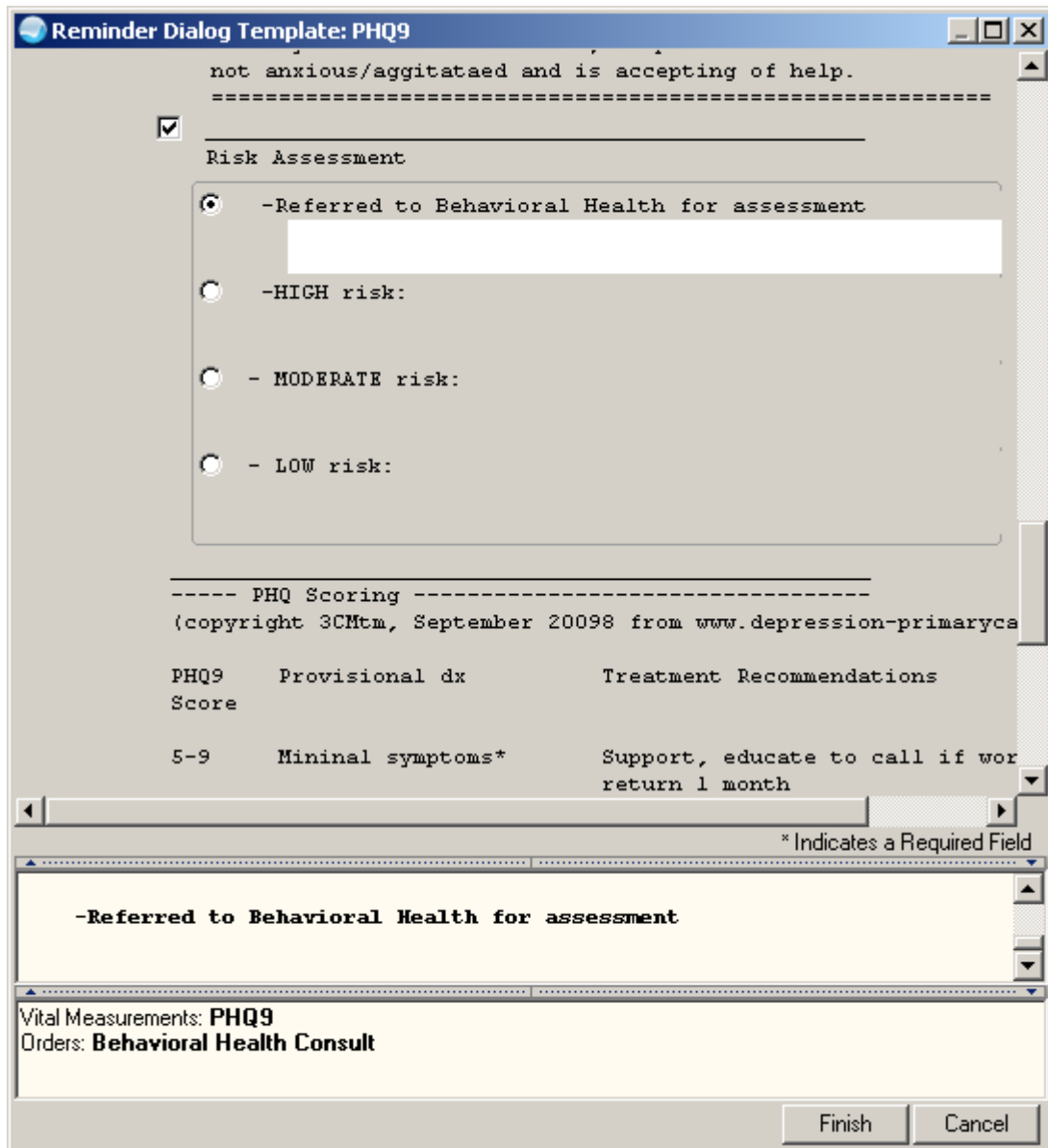


Figure 18-18: PHQ9 part 2

18.9 IHS-SCREENING BUNDLE 2011

This dialog was combines the ability to resolve six screening reminders at the same time: Tobacco Use, Activity Level, Alcohol, Depression, Colon Cancer, and IPV /Domestic Violence Screening. Refer to the individual screening dialogs in this section of the guide for details.

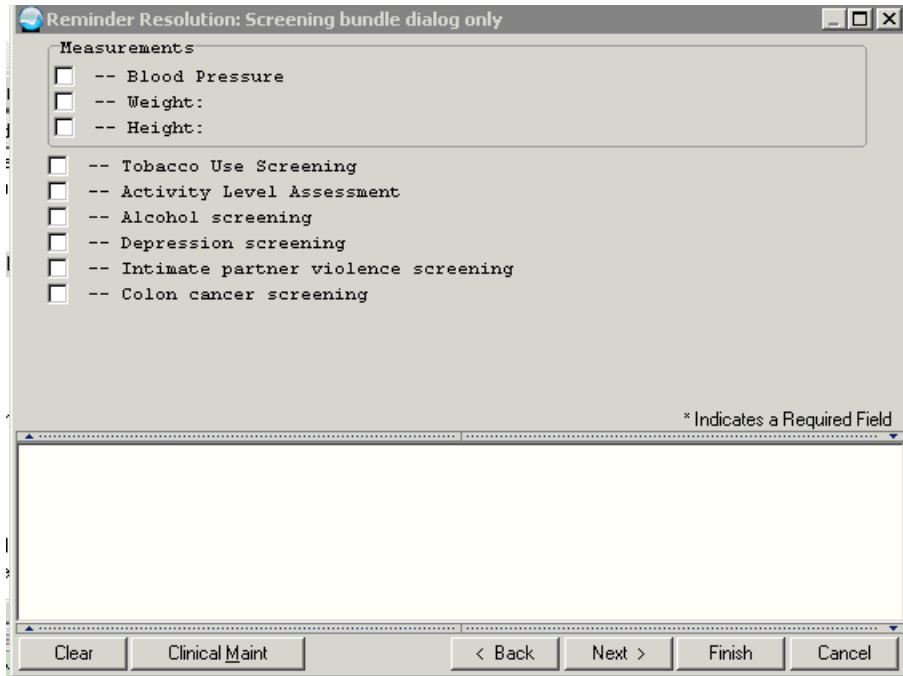


Figure 18-19: Screening Bundle

19.0 Reviewing the Reminder and Dialog

The following is information about Step 16: Reviewing the Reminder and Dialog.

19.1 Reminder Test

Refer to RPMS Clinical Reminders Managers Manual Setup and Maintenance guide for instructions on testing reminders.

1. Select Reminder Test (TST) from the Reminder Configuration menu.
2. Enter a patient name and the reminder.
3. Use the scroll bar to scroll backwards and view the data.

This is an example of a reminder test for IHS-ALCOHOL SCREEN 2011. This reminder is due for this patient.

```

DEMO INDIAN HOSPITAL                RPMS-EHR Management                Version 1.1
                                     Reminder Test

Select Patient:
  DEMO,ALLERGY CHARLES                <A>   M 11-02-1969 XXX-XX-5701   WW 104836
Select Reminder:  IHS-ALCOHOL SCREEN 2011  NATIONAL

The elements of the FIEV array are:
FIEV(1)=1
FIEV(1,"DATE")=3110812
FIEV(1,"FINDING")=31;PXRMD(811.4,
FIEV(1,"SOURCE")=IHS-ALCOHOL 2009
FIEV(1,"TEXT")=Exam: ALCOHOL SCREENING
FIEV(1,"VALUE")=NORMAL/NEGATIVE
FIEV("AGE",1)=1
FIEV("DFN")=23059
FIEV("PATIENT AGE")=42

The elements of the ^TMP(PXR MID,$J) array are:
^TMP(PXR MID,$J,157,"AGE11A")=1
^TMP(PXR MID,$J,157,"CF ")=08/12/2011 Computed Finding: ; value - NORMAL/NEGATIVE
; Exam: ALCOHOL SCREENING
^TMP(PXR MID,$J,157,"PATIENT COHORT LOGIC")=1^(SEX)&(AGE)^(1)&(1)
^TMP(PXR MID,$J,157,"PCL_FOUNDB")= REMINDER DUE: Patient is aged 13-110 and has n
o alcohol screening
^TMP(PXR MID,$J,157,"PCL_FOUNDC")= (exam, measurement, health factor, POV) docume
nted in the past year.
^TMP(PXR MID,$J,157,"PCL_FOUNDD")=
^TMP(PXR MID,$J,157,"PCL_FOUNDE")= ***This reminder resolves using the RPMS data
found by the
^TMP(PXR MID,$J,157,"PCL_FOUNDF")=      PCC Health Maintenance Reminder look up***

^TMP(PXR MID,$J,157,"REMINDER NAME")=Alcohol Screen
^TMP(PXR MID,$J,157,"RESOLUTION LOGIC")=1^(0)!FI(1)^(0)!1
^TMP(PXR MID,$J,157,"zFREQARNG")=Due every 1 year for ages 13Y to 99Y

The elements of the ^TMP("PXRHM",$J) array are:
^TMP("PXRHM",$J,157,"Alcohol Screen")=RESOLVED^3120812^3110812

```

```

^TMP("PXRHM",$J,157,"Alcohol Screen","TXT",1)=
^TMP("PXRHM",$J,157,"Alcohol Screen","TXT",2)=Applicable: Due every 1 year for a
ges 13Y to 99Y within cohort.
^TMP("PXRHM",$J,157,"Alcohol Screen","TXT",3)= REMINDER DUE: Patient is aged 13-
110 and has no alcohol screening
^TMP("PXRHM",$J,157,"Alcohol Screen","TXT",4)= (exam, measurement, health factor
, POV) documented in the past year.
^TMP("PXRHM",$J,157,"Alcohol Screen","TXT",5)=
^TMP("PXRHM",$J,157,"Alcohol Screen","TXT",6)= ***This reminder resolves using t
he RPMS data found by the
^TMP("PXRHM",$J,157,"Alcohol Screen","TXT",7)=      PCC Health Maintenance Remind
er look up***
^TMP("PXRHM",$J,157,"Alcohol Screen","TXT",8)=
^TMP("PXRHM",$J,157,"Alcohol Screen","TXT",9)=Resolution: Last done 08/12/2011
^TMP("PXRHM",$J,157,"Alcohol Screen","TXT",10)=08/12/2011 Computed Finding: ; va
lue - NORMAL/NEGATIVE; Exam: ALCOHOL

```

Figure 19-1: Reminder Test Output

This is an example of a reminder test for the IHS-LIPID FEMALE reminder. The patient has diabetes and therefore should have a lipid done yearly.

```

The elements of the ^TMP(PXRМID,$J) array are:
^TMP(PXRМID,$J,2,"FINDING 2_FOUNDB")=Patient is diabetic and should have lipid
profile done yearly
^TMP(PXRМID,$J,2,"ICD9VPOV 250.00","CODE")=250.00
^TMP(PXRМID,$J,2,"ICD9VPOV 250.00","DATE")=3050308.141159
^TMP(PXRМID,$J,2,"ICD9VPOV 250.00","DIAG")=DM UNCOMPL/T-II/NIDDM,NS UNCON
^TMP(PXRМID,$J,2,"ICD9VPOV 250.00","PN")=Diabetes Mellitus Type II or unspecified
^TMP(PXRМID,$J,2,"LAB LIP.PAN")=08/01/2003 Laboratory test: LIP.PAN; value - SEE
SEPARATEREPORT.
^TMP(PXRМID,$J,2,"PATIENT COHORT LOGIC")=1^(SEX)&(AGE)!FI(2)^(1)&(1)!1
^TMP(PXRМID,$J,2,"REMINDER NAME")=P-Lipid Profile Female
^TMP(PXRМID,$J,2,"RESOLUTION LOGIC")=1^(0)!FI(1)^(0)!1
^TMP(PXRМID,$J,2,"zFREARNG")=Due every 1 year for all ages

The elements of the ^TMP("PXRHM",$J) array are:
^TMP("PXRHM",$J,2,"P-Lipid Profile Female")=DUE NOW^3040801.09241^3030801.09241
^TMP("PXRHM",$J,2,"P-Lipid Profile Female","TXT",1)=
^TMP("PXRHM",$J,2,"P-Lipid Profile Female","TXT",2)=Applicable: Due every 1 year
for all ages within cohort.
^TMP("PXRHM",$J,2,"P-Lipid Profile Female","TXT",3)=03/08/2005 Encounter Diagnosis:
250.00 DM UNCOMPL/T-II/NIDDM,NS UNCON
^TMP("PXRHM",$J,2,"P-Lipid Profile Female","TXT",4)=  Prov. Narr. - Diabetes
Mellitus Type II or unspecified
^TMP("PXRHM",$J,2,"P-Lipid Profile Female","TXT",5)=Patient is diabetic and should
have lipid profile done yearly
^TMP("PXRHM",$J,2,"P-Lipid Profile Female","TXT",6)=
^TMP("PXRHM",$J,2,"P-Lipid Profile Female","TXT",7)=Resolution: Last done 08/01/2003
^TMP("PXRHM",$J,2,"P-Lipid Profile Female","TXT",8)=Reminder Term: IHS-LIPID LAB
TESTS
^TMP("PXRHM",$J,2,"P-Lipid Profile Female","TXT",9)=08/01/2003 Laboratory test:
LIP.PAN; value - SESEPARATEREPORT.

```

Figure 19-2: Reminder Test Output

19.2 View Reminders Due

Users will report when a reminder is due and should not be. They are less likely to notice and report when a reminder is not due when it should be or not applicable when it should be. The Clinical Applications Coordinator must test for this specifically or risk deploying a reminder system that will omit patients erroneously. This results in missed opportunities to screen, monitor and identify interventions for high risk patients.

Follow these steps:

1. Log into the RPMS-EHR application. If you've installed any new reminders/dialogs, you will need to log off and then log back on again.
2. Pick a patient who would have one of the reminders applicable and due.
 - a. The reminder alarm clock should be RED in someone with a reminder due.
 - b. If you click on the alarm clock, you should see a list of reminders due.
 - c. Right-click on the reminder due and review any of the options in the drop-down menu
3. Pick a patient who would have one of the reminders applicable but not due
 - a. The reminder alarm clock should be BLUE in someone with a reminder resolved
4. Pick a patient who would not have one of the reminders applicable
 - a. The reminder clock should be WHITE in someone for whom the reminder is not applicable
 - b. Be sure to check all the reminders before adding them to the system level.

19.3 View Reminders on Cover Sheet

Below shows Reminders that are “Due Now” or “Due Soon” on Cover Sheet.

Reminders	
Reminder ▲	Date
P-HgbA1c	DUE NOW
Tetanus Shot	DUE NOW

Figure 19-3: Sample Reminders on Cover Sheet

19.4 View Reminders Icon

The reminder icon is an alarm clock. The clock appears red if reminders are due and blue if there is nothing due. Clicking on the clock displays when reminders are due and when it was last done.

The screenshot shows the RPMS-EHR application interface for a patient named Test, Patient F (64965). The patient's primary care team is unassigned. The interface is divided into several sections:

- Problem List:** Includes Iron Deficiency Anemia (21-Jun-2000) and Rapid Weight Gain - Overf... (21-Jun-2000).
- Adverse Reactions:** Shows VALIUM with a reaction of ANXIETY.
- Alerts:** No Crisis Alerts Found.
- Medications:** No Medications Found.
- Reminders:** A list of reminders including Asthma Control, Asthma Management Plan, Asthma Primary Provider, Asthma Severity, Asthma-on steroids, Dental Visit, DM Dental Exam, EPSDT Evaluation, Height, HepA Ped Immunization, IPV Immunization, Lipid Profile Female, MMR Immunization, TD Immunization, Varicella Immunization, and Weight.
- Vital Measurements:** Includes TMP (98.8 F), PU (90 /min), R5 (22 /min), O2 (90%), BP (130/70 mmHg), HT (20.47 in), WT (176.37 lb), BMI (29.86), BMI% (100%), PA (2), and VU (20/20).
- Lab Orders:** Shows HGB BLOOD SP ONCE with a status of COMPLETE and date of 22-May-2009.
- Appointments and Visits:** A list of appointments including TEST CLINIC visits from 20-Aug-2008 to 17-Aug-2009.

The bottom of the interface features a navigation toolbar with icons for Cover Sheet, Triage, Wellness, Notes, Prob/POV, Services, Orders, Medications, Labs, Reports, D/C Summ, Consults, Lab poc, and suicide. The taskbar at the bottom shows the Start button, several open windows, and the system clock at 4:18 PM.

Figure 19-4: View of RPMS-EHR application

Click on the reminder icon (in the toolbar) to open up the list of items to view.

Available Reminders	Due Date	Last Occurrence	Priority
Height	08/20/2009	08/20/2008	
HepA Ped Immunization	DUE NOW		
IPV Immunization	DUE NOW		
Lipid Profile Female	DUE NOW		
MMR Immunization	DUE NOW	08/20/2008	
Weight	02/19/2009	08/20/2008	
TD Immunization	DUE NOW		
Varicella Immunization	DUE NOW		
Asthma Management Plan	DUE NOW		
Asthma Primary Provider	DUE NOW		
Asthma Severity	DUE NOW		
Asthma-on steroids	DUE NOW		
Asthma Control	DUE NOW		
DM Dental Exam	DUE NOW		
EPSDT Evaluation	DUE NOW		
Dental Visit	DUE NOW		
Applicable			
Not Applicable			
All Evaluated			
Other Categories			

Figure 19-5: Sample of Available Reminders

Right-click on any item in the list and there will be a selection of items from which to choose.

19.4.1 Clinical Maintenance

The Clinical Maintenance dialog shows why the reminder is due. For the new reminders with computed findings, it will display only the item returned in the PCC reminder call.

The clinical maintenance displays in two places:

1. Right click on the reminder and select Clinical Maintenance
2. While processing the reminder dialog select Clinical Maintenance button from the bottom of the screen

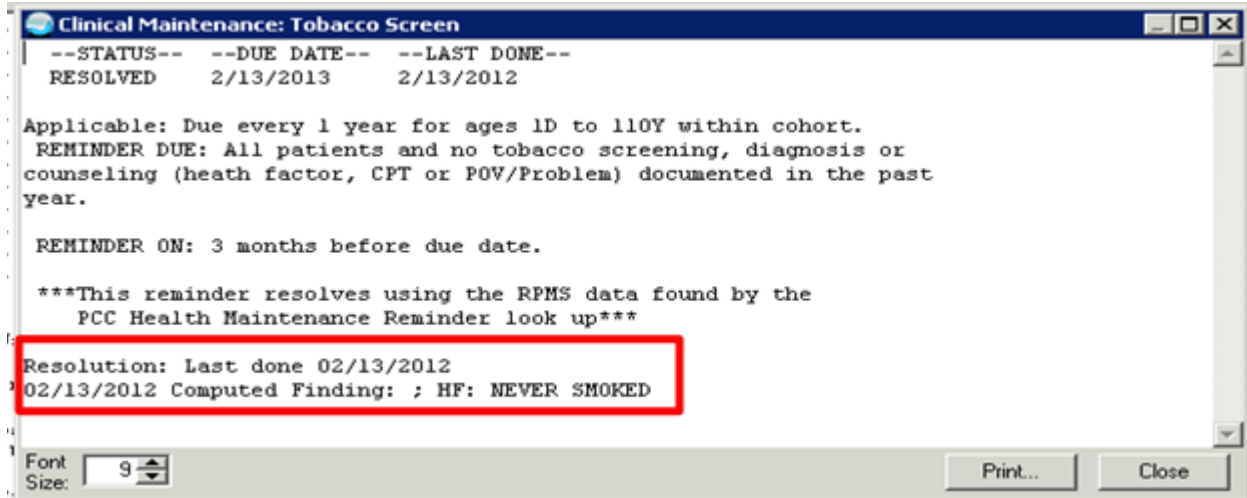
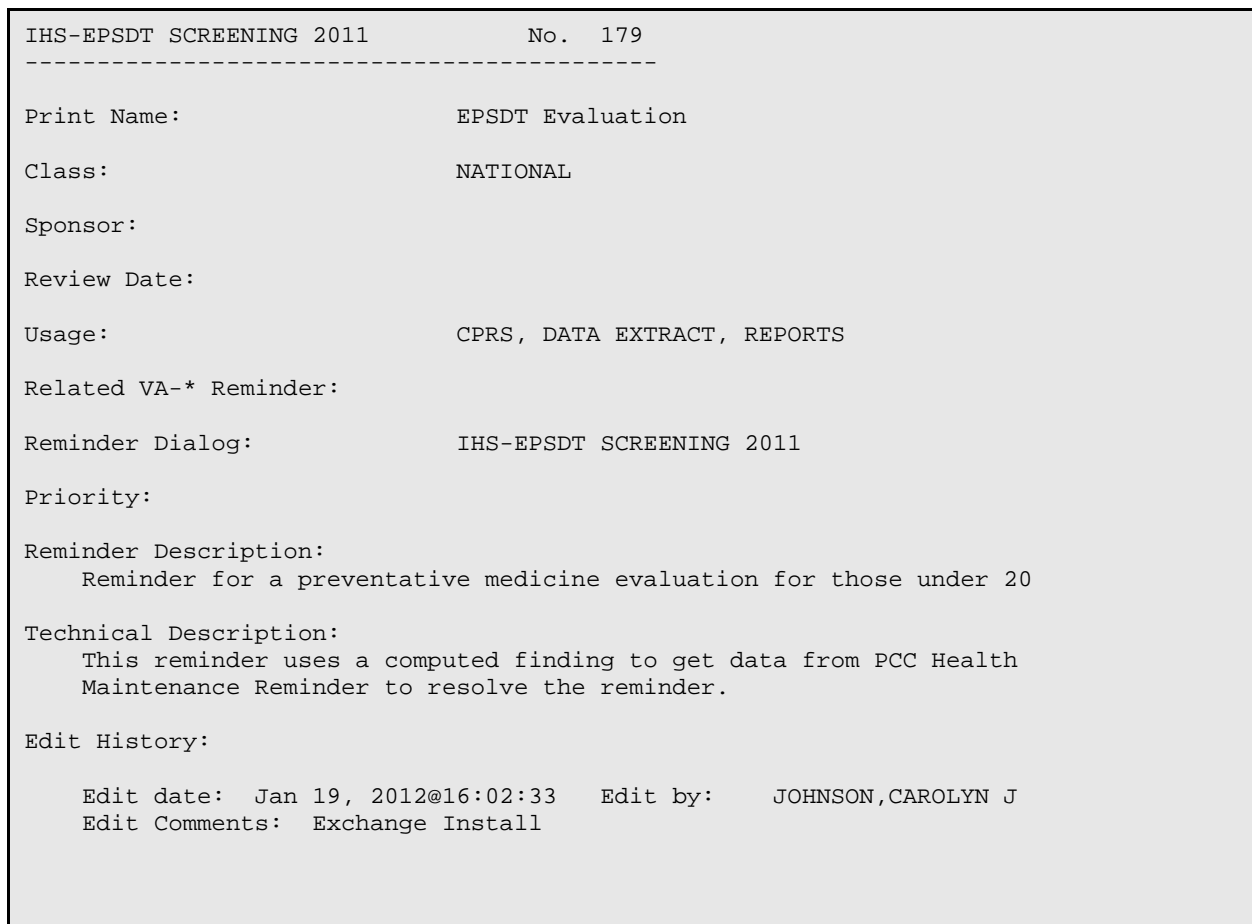


Figure 19-6: Sample Clinical Maintenance window

19.4.2 Do a Reminder Inquiry

A reminder inquiry displays the reminder logic. Reminder Inquiry data can be displayed by right clicking on the reminder and selecting Reminder Inquiry.



```

Baseline Frequency:

    Do In Advance Time Frame:  Do if DUE within 3 months
        Sex Specific:
        Ignore on N/A:
    Frequency for Age Range:  1 year for ages 1D to 20Y
        Match Text:
        No Match Text:

Findings:

        Finding Item: IHS-EPSDT 2009  (FI(1)=CF(39))
        Finding Type: REMINDER COMPUTED FINDING
        Use in Resolution Logic: OR

General Patient Cohort Found Text:
    EPSDT Screening Definition (uses Health Maintenance Reminder logic)
    - Procedures (CPT Codes): V CPT
      - Age less than 1 year: New Patient 99381;
        Established Patient 99391
      - Age 1 through 4 years: New Patient 99382;
        Established Patient 99392
      - Age 5 through 11 years: New Patient 99383;
        Established Patient 99393
      - Age 12 through 17 years: New Patient 99384;
        Established Patient 99394
      - Age 18 through 20 years: New Patient 99385;
        Established Patient

    ***This reminder resolves using the RPMS data found by the
    PCC Health Maintenance Reminder look up***

General Patient Cohort Not Found Text:

General Resolution Found Text:

General Resolution Not Found Text:

Default PATIENT COHORT LOGIC to see if the Reminder applies to a patient:
    (SEX)&(AGE)

Expanded Patient Cohort Logic:
    (SEX)&(AGE)

Default RESOLUTION LOGIC defines findings that resolve the Reminder:
    FI(1)
Expanded Resolution Logic:
    FI(IHS-EPSDT 2009)
Web Sites:

    Web Site URL:
    http://mchb.hrsa.gov/epsdt/

```

Figure 19-7: Reminder Inquiry of a Reminder

19.4.3 Look at the Reminder Icons

Below explains the various Reminder icons.



Figure 19-8: Reminders tab on Icon Legend window

19.5 View Reminders on the Health Summary

You can also view the Reminders in a Health Summary on the Reports tab. Users can either create a VA Health Summary type for reminders or the VA Health Summary components that already exist can be added to the Ad Hoc report.

Once created the summary type is added using the parameter ORWRP HEALTH SUMMARY LIST.

If you have already added reminders to health summaries, these will need to be updated by removing the old reminders and adding in the ones that came with this patch.

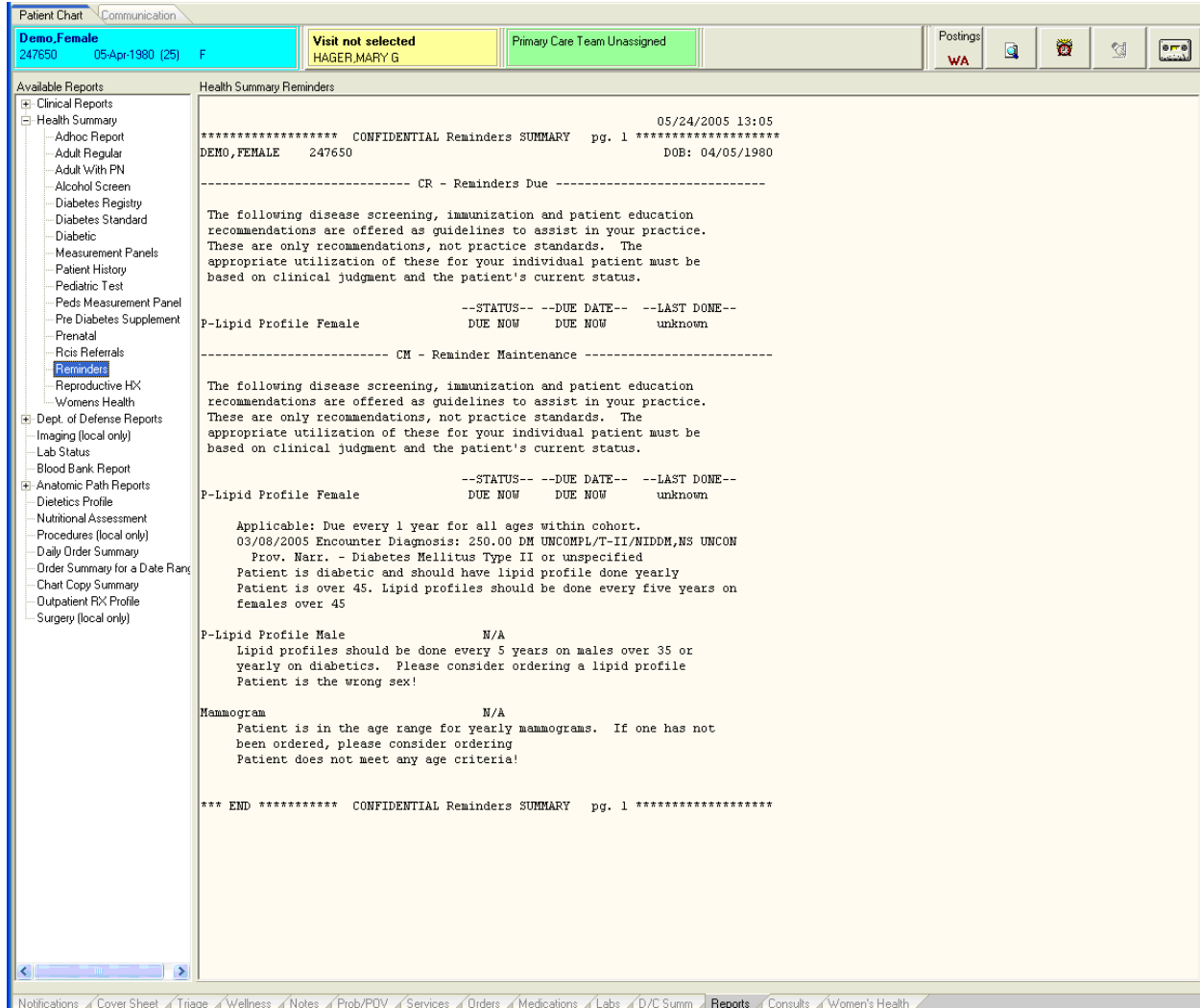


Figure 19-9: Sample Health Summary Reminders on Report tab

19.6 View Best Practice Prompts on Health Summary

Definitions for the Best Practice Prompts are available in the iCare glossary or in the PCC Health Summary Manual:

http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

iCare: The Best Practice Prompt tab in iCare displays a list of best practices that are recommended for specific patient.

Health Summary: The Best Practice Prompt Component displays a list of Best Practices recommended for a specific patient. This section describes how to create/modify health summary to display the Best Practice Prompts.

1. If the Best Practice Prompts do not display on the health summary, you can use the Create/Modify Health Summary Type Menu option to add the Best Practice Prompts to the summary. Alternately, create a small health summary with only Best Practice Prompts and make this available to your users using a Health Summary Button on the Toolbar in EHR.

RPMS EHR Configuration Master Menu | Report Configuration | Health Summary Configuration | IHS Health Summary Configuration | Create/Modify Health Summary Type

```

Health Summary: TEST
-----
STRUCTURE:
Select HEALTH SUMMARY TYPE NAME:    TEST
NAME: TEST//
LOCK://
STRUCTURE:
Order Component                      Max occ Time Alternate Title

GENERAL:
Clinic Displayed on outpatient components:
ICD Text Display:
Provider Narrative Displayed:
Display Provider Initials in Outpatient components:
Provider Initials displayed on Medication components:

MEASUREMENT PANELS:
<none>

LAB TEST PANELS:
+          Enter ?? for more actions

MS  Modify Structure    FS  Flow Sheets          GI  General Info
MP  Mod Meas Panel      HF  Health Factors       HS  Sample Health Summary
LP  Lab Panel           PC  Provider Class Scrn  Q   Quit
HM  Health Main Remind  CS  Clinic Screen
BP  Best Practice Prompt SP  Supplements

Select Action: +// MS  Modify Structure

You can add a new component by entering a new order number and component name. To
remove a component from this summary type select the component by name or order and
then enter an '@'.

Select SUMMARY ORDER: 10
  STRUCTURE COMPONENT NAME: Best PRACTICE PROMPTS
  COMPONENT NAME: BEST PRACTICE PROMPTS//
  ALTERNATE TITLE:
Select SUMMARY ORDER:

```

Figure 19-10: Adding Best Practice Prompts to the Health Summary

Add the individual Best Practices to the Best Practice component that you just added using BP Best Practice Prompt menu option:

```

Health Summary: TEST
-----
STRUCTURE:
Order Component                               Max occ Time Alternate Title

GENERAL:
Clinic Displayed on outpatient components:
ICD Text Display:
Provider Narrative Displayed:
Display Provider Initials in Outpatient components:
Provider Initials displayed on Medication components:

MEASUREMENT PANELS:
<none>

LAB TEST PANELS:
+       Enter ?? for more actions
MS  Modify Structure      FS  Flow Sheets           GI  General Info
MP  Mod Meas Panel       HF  Health Factors       HS  Sample Health Summary
LP  Lab Panel            PC  Provider Class Scrn  Q   Quit
HM  Health Main Remind   CS  Clinic Screen
BP  Best Practice Prompt SP  Supplements

Select Action: +// BP
Health Summary: TEST

Note: any Best Practice Prompt flagged as inactive will not display
      on the summary even though you selected it for display. The
      Best Practice Prompt must be activated. Any Best Practice Prompts
      with (DEL) should be removed as they are no longer used.

Currently defined BEST PRACTICE PROMPTS on the TEST summary type

      SEQ  Best Practice Prompts                               Category/Group
-----
Other BEST PRACTICE PROMPTS not yet selected that can be
added to this summary type:
      HEARING INQUIRY                                           ELDER
      STRABISMUS/AMBLYOPIA SCREEN                               PEDIATRIC
      ASTHMA: ADD/INCREASE INHALED STEROIDS                     ASTHMA
+       Enter ?? for more actions
AR  Add Best Practice Prompt      RG  Remove Group of Best Pract Prompts
RI  Remove Best Practice Prompt   HS  Sample Health Summary
AG  Add Group of Best Pract Prompts Q   Quit
Select Action:+// AG

Select the Category/Group of Best Practice Prompts to ADD:
    
```

Figure 19-11: Adding Best Practice Prompts to the Health Summary

Add the following Best Practice Prompts Groups:

- Asthma
- CVD Related

- Anticoagulation

Add the Rubella best practice prompt:

```

SEQ Best Practice Prompts Category/Group
-----
Other BEST PRACTICE PROMPTS not yet selected that can be
added to this summary type:
  HEARING INQUIRY ELDER
  STRABISMUS/AMBLYOPIA SCREEN PEDIATRIC
  ASTHMA: ADD/INCREASE INHALED STEROIDS ASTHMA
+ Enter ?? for more actions
AR Add Best Practice Prompt RG Remove Group of Best Pract Prompts
RI Remove Best Practice Prompt HS Sample Health Summary
AG Add Group of Best Pract Prompts Q Quit

Select Action:+// AR Add Best Practice Prompt

Enter the sequence number to put this Best Practice Prompt and then enter
the prompt by name.

Select BEST PRACTICE PROMPT ORDER: 20
BEST PRACTICE PROMPT ORDER BEST PRACTICE PROMPT: rubella
    
```

Figure 19-12: Adding the Rubella best practice prompt

Appendix A: Common Install Questions/Issues

This section describes common install issues, questions, and solutions.

A.1 All of my immunization reminders are showing as DUE after I loaded the patch.

After the KIDS build has been installed, the computed findings that are used to check the immunization forecaster will not function properly until the new immunization reminders are installed through reminder exchange.

You must install the immunization reminders through exchange immediately if you have any immunization reminders deployed. You do not need to move these into production immediately but should eventually replace your old immunization reminders with the new ones

A.2 Programmer access message during installation

Programmer access is required to install the reminders that contain a new computed finding.

If you do not have programmer access (@ fileman access) you will see the following message when you are installing reminders that contain a new computed finding:

```
Only programmers can install routines.  
Only programmers can install Reminder Computed Findings.
```

Figure A- 1: Messages

If there are no new computed findings packed in the reminder then ignore the message and continue through the installation process. If the computed finding was previously installed there will be an X under the column “Exists” on the right of the Reminder Computed Finding in the Reminder Exchange. Detailed instructions are available in Section 11.1 of this guide.

A.3 Taxonomy error message during installation

A taxonomy is a selection of ICD0, ICD9, or CPT codes. The user inputs them from the starting code to the ending code. One taxonomy can have multiple selection lists of codes. There is a secondary file that stores every entry between the starting and ending codes. Therefore an error in any code in the interval could cause the install to fail. If a site has two entries of the same code or the computer cannot tell the difference between two codes, the install will fail.

To resolve this issue, create the template manually using the detailed instructions in Section 11.3 of this manual.

A.4 Error On Install From Exchange: EDUCATION TOPICS Entries

```

The update failed, UPDATE^DIE returned the following error message:
MSG("DIERR")=2^2
MSG("DIERR",1)=299
MSG("DIERR",1,"PARAM",0)=2
MSG("DIERR",1,"PARAM",1)=FP-Depot Medroxyprogesterone Injections
MSG("DIERR",1,"PARAM","FILE")=9999999.09
MSG("DIERR",1,"TEXT",1)=More than one entry matches the value(s) 'FP-Depot
Medroxyprogesterone Injections'.
MSG("DIERR",2)=701
MSG("DIERR",2,"PARAM",0)=3
MSG("DIERR",2,"PARAM",3)=ED.FP-Depot Medroxyprogesterone Injections
MSG("DIERR",2,"PARAM","FIELD")=15
MSG("DIERR",2,"PARAM","FILE")=801.41
MSG("DIERR",2,"TEXT",1)=The value 'ED.FP-Depot Medroxyprogesterone Injections' f
or field FINDING ITEM in file REMINDER DIALOG is not valid.
MSG("DIERR","E",299,1)=
MSG("DIERR","E",701,2)=
REMINDER DIALOG entry ED FP-DEPO did not get installed!
Examine the above error message for the reason

Warning there are 2 EDUCATION TOPICS entries with the name FP-Depot
Medroxyprogesterone Injections Install reminder dialog and all components with no
further changes:NO//NO

```

Figure A- 2: Error example

This error occurs when you have 2 Patient Education Topics with the same name (the system tells you which one has a duplicate). Most systems have a few of these so you may encounter this error.

FIX: Your site manager (you will need fileman edit access) needs to change the name of one of the EDUCATION topics. You can simply append the name with a number or letter. Make sure you do not change the name of the ACTIVE Pt Ed topic! After your site manager has edited the entry, reinstall the reminder.

```

^VA Fileman

Enter or Edit File Entries
  Print File Entries
  Search File Entries
  Modify File Attributes
  Inquire to File Entries
  Utility Functions ...
  Data Dictionary Utilities ...
  Transfer Entries
  Other Options ...

Select VA FileMan Option:

Select VA FileMan Option: enter or Edit File Entries

```

```

INPUT TO WHAT FILE: EDUCATION TOPICS//
EDIT WHICH FIELD: ALL//

Select EDUCATION TOPICS NAME: FP-DEPO
1. FP-DEPOT MEDROXYPROGESTERONE INJECTIONS      FP-DPO
2. FP-Depot Medroxy progesterone Injections FP-FPO

CHOOSE 1-2:

Select EDUCATION TOPICS NAME:      FP-Depot Medrocyprogesterone Injections FP-DPO
NAME: FP-Depot Medrocyprogesterone Injections      Replace
INACTIVE FLAG: INACTIVE <--This topic is inactive.

Select EDUCATION TOPICS NAME:      FP-Depot Medroxyprogesterone Injections FP-DPO
NAME: FP-Depot Medroxyprogesterone Injections      Replace:Injections With Injections
OLD
INACTIVE FLAG: INACTIVE^  uphat out to quit

Select EDUCATION TOPICS NAME:      FP-Depot Medroxyprogesterone Injections OLD

```

Figure A- 3: Instructions

Reinstall the reminder dialog and the error will be gone.

A.5 Error Encountered Installing IHS-Pneumovax Immun 2012 Dialog

This error has occurred at a couple of sites – it is not common but if you encounter it, follow the steps in the next section.

ERROR ENCOUNTERED:

```

Dialog Components      Oct 01, 2008 09:20:39      Page:      1 of      3
Packed reminder dialog: IHS-PNEUMOVAX IMMUN 2011

The update failed, UPDATE^DIE returned the following error message:
MSG("DIERR")=2^2
MSG("DIERR",1)=299
MSG("DIERR",1,"PARAM",0)=1
MSG("DIERR",1,"PARAM",1)='90764
MSG("DIERR",1,"TEXT",1)=More than one entry matches the value(s) '`90764'.
MSG("DIERR",2)=701
MSG("DIERR",2,"PARAM",0)=3
MSG("DIERR",2,"PARAM",3)='90764
MSG("DIERR",2,"PARAM","FIELD")=.01
MSG("DIERR",2,"PARAM","FILE")=801.4118
MSG("DIERR",2,"TEXT",1)=The value '`90764' for field ADDITIONAL FINDINGS in ADDI
TIONAL FINDINGS SUB-FIELD in file REMINDER DIALOG is not valid.

```

```

MSG("DIERR","E",299,1)=
MSG("DIERR","E",701,2)=

REMINDER DIALOG entry IM PNEUMO-PS2 DONE 2011 did not get installed!
Examine the above error message for the reason.
Dialog Components          Mar 13, 2012 16:24:24          Page:    1

```

Figure A- 4: Error encountered

FIX

1. Manually create IM-PNEUMOVAX-2 DONE dialog element
2. Reinstall the dialog and replace the element with the IM-PNEUMOVAX-2 DONE element you created in the previous step.

```

RPMS-EHR Configuration Master Menu

ART   Adverse Reaction Tracking Configuration ...
CCX   Chief Complaint Configuration ...
CON   Consult Tracking Configuration ...
EDU   Patient Education Configuration ...
ENC   Encounter Context Configuration ...
EXM   Exam Configuration ...
HFA   Health Factor Configuration ...
IMM   Immunization Configuration ...
LAB   Lab Configuration ...
MED   Medication Management Configuration ...
NOT   Notification Configuration ...
ORD   Order Entry Configuration ...
PAT   Patient Context Configuration ...
PHX   Personal Health Hx Configuration ...
PLS   Problem List Configuration ...
POV   POV Configuration ...
PRC   Procedure Configuration ...
REM   Reminder Configuration ...
RPT   Report Configuration ...
SPL   Spellchecking Configuration ...
TIU   TIU Configuration ...
VIT   Vital Measurement Configuration ...

Select RPMS-EHR Configuration Master Menu Option: Reminder Configuration
YAKAMA HEALTH CENTER IHS          RPMS-EHR Management          Version 1.1
Reminder Configuration

CFM   Reminder Computed Finding Management ...
DEF   Reminder Definition Management ...
DLG Reminder Dialog Management ...
EXC   Reminder Exchange
INF   Reminder Information Only Menu ...
PAR   Reminder Parameters ...
RPT   Reminder Reports ...
SPO   Reminder Sponsor Management ...
TAX   Reminder Taxonomy Management ...
TRM   Reminder Term Management ...
TST   Reminder Test

```

```

Select Reminder Configuration Option: DLG
YAKAMA HEALTH CENTER IHS      RPMS-EHR Management      Version 1.1
                               Reminder Dialog Management

DLG   Reminder Dialogs
PAR     Dialog Parameters ...

Select Reminder Dialog Management Option: DLG

REMINDER VIEW (ALL REMINDERS BY NAME)

REMINDER VIEW (ALL REMINDERS BY NAME)

+Item Reminder Name                Linked Dialog Name & Dialog Status
126 IHS-PED ROTAVIRUS IMMUN 2008    IHS-PED ROTAVIRUS IMMUN 200
127 IHS-PED ROTAVIRUS IMMUN 2011    IHS-PED ROTAVIRUS IMMUN 201
128 IHS-PED TD IMMUNIZATION         WS-PED GROUP
129 IHS-PED VARICELLA IMMUN         WS-PED GROUP
130 IHS-PED VARICELLA IMMUN 2008    IHS-PED VARICELLA IMMUN 200   Disabled
131 IHS-PED VARICELLA IMMUN 2011    IHS-PED VARICELLA IMMUN 201
132 IHS-PNEUMOVAX IMMUN 2008        IHS-PNEUMOVAX IMMUN 2008     Disabled
133 IHS-PNEUMOVAX IMMUN 2011        IHS-PNEUMOVAX IMMUN 2011
134 IHS-PNEUMOVAX IMMUNIZATION      WS-ADULT IMM GRP
135 IHS-PPD                          IHS-PPD
136 IHS-RUBELLA IMMUNITY 2011        IHS-RUBELLA IMMUNITY 2011
137 IHS-SENIOR HEIGHT                IHS-SENIOR HEIGHT            Disabled
138 IHS-SENIOR HEIGHT 2011           IHS-SENIOR HEIGHT 2011
139 IHS-SENIOR VISION 2009           IHS-SENIOR VISION 2009      Disabled
140 IHS-SENIOR VISION 2011           IHS-SENIOR VISION 2011
141 IHS-TD IMMUN 2008                IHS-TD IMMUN 2008           Disabled
+      + Next Screen  - Prev Screen  ?? More Actions      >>>
AR All reminders      LR Linked Reminders      QU Quit
CV Change View       RN Name/Print Name

Select Item: Next Screen// CV

Select one of the following:

D      Reminder Dialogs
E    Dialog Elements
F      Forced Values
G      Dialog Groups
P      Additional Prompts
R      Reminders
RG     Result Group (Mental Health)
RE     Result Element (Mental Health)

TYPE OF VIEW: R// E

Dialog List                Jul 29, 2008 08:38:47      Page: 1 of 26
DIALOG VIEW (DIALOG ELEMENTS)

Item Dialog Name          Dialog type          Status
1  CPT 92002              Dialog Element
2  CPT 92004              Dialog Element
3  CPT 92012              Dialog Element
4  CPT 92014              Dialog Element
5  CPT 92015              Dialog Element
    
```

```

6 CPT 92250 Dialog Element
7 CPT 99202 Dialog Element
8 CPT 99203 Dialog Element
9 CPT 99204 Dialog Element
10 CPT 99205 Dialog Element
11 CPT 99212 Dialog Element
12 CPT 99213 Dialog Element
13 CPT 99214 Dialog Element
14 CPT 99215 Dialog Element
15 CPT BREAST PELVIC G0101 Dialog Element
16 CPT COLONOSCOPY Dialog Element
+ + Next Screen - Prev Screen ?? More Actions >>>
AD Add CV Change View INQ Inquiry/Print
CO Copy Dialog PT List/Print All QU Quit
Select Item: Next Screen//AD

Select DIALOG to add: IM PNEUMOVAX-2 DONE <- use this name
Are you adding IM PNEUMO-PS2 DONE as
a new REMINDER DIALOG (the 490TH)? No// YES
Not used by any other dialog

NAME: IM PNEUMOVAX-2 DONE//
DISABLE:
CLASS: L
SPONSOR:
REVIEW DATE:
RESOLUTION TYPE: DONE AT ENCOUNTER
...OK? Yes// YES

ORDERABLE ITEM:

FINDING ITEM: IM.PNEUMO
1 PNEUMOCOCCAL PNEUMO-PS 33
2 PNEUMOCOCCAL CONJUGATE PNEUM-CONJ 100
3 PNEUMOCOCCAL, NOS PNEUMOCOCC 109
CHOOSE 1-3: 1
DIALOG/PROGRESS NOTE TEXT:
No existing text
Edit? NO// YES

==[ WRAP ]==[ INSERT ]=====< DIALOG/PROGRESS NOTE TEXT >====[ <PF1>H=Help ]====
Patient received pneumo-ps at this encounter{FLD:IHS PXRМ STANDING ORDER}.

When you are done typing, exit by selecting
The F1(function key) plus the letter E:

F1 E

<=====T=====T=====T=====T=====T=====T=====T=====
ALTERNATE PROGRESS NOTE TEXT:
No existing text
Edit? NO//
EXCLUDE FROM PROGRESS NOTE:
SUPPRESS CHECKBOX:
Select ADDITIONAL FINDINGS: ICD9.V03.82

Searching for a ICD9 DIAGNOSIS, (pointed-to by ADDITIONAL FINDINGS)

Searching for a ICD9 DIAGNOSIS

```

```

V03.82  V03.82      VACC FOR STREPTOCOCCUS PNEUMON
...OK? Yes// YES
Select ADDITIONAL FINDINGS:

Select SEQUENCE: 1
  ADDITIONAL PROMPT/FORCED VALUE: PXRМ LOT NUMBER      prompt      NATIONAL
...OK? Yes/ YES

  OVERRIDE PROMPT CAPTION:
  START NEW LINE: YES
  EXCLUDE FROM PN TEXT:
  REQUIRED: YES
Select SEQUENCE: 2
  ADDITIONAL PROMPT/FORCED VALUE: PXRМ IMM SITE      prompt      NATIONAL
...OK? Yes// YES

  OVERRIDE PROMPT CAPTION:
  START NEW LINE: YES
  EXCLUDE FROM PN TEXT:
  REQUIRED: YES
Select SEQUENCE: 3
  ADDITIONAL PROMPT/FORCED VALUE: PXRМ VOLUME      prompt      NATIONAL
...OK? Yes/ YES

  OVERRIDE PROMPT CAPTION:
  START NEW LINE: YES
  EXCLUDE FROM PN TEXT:
  REQUIRED:
Select SEQUENCE: 4
  ADDITIONAL PROMPT/FORCED VALUE: PXRМ IMM VIS DATE      prompt      NATIONAL
...OK? Yes// YES

  OVERRIDE PROMPT CAPTION:
  START NEW LINE: YES
  EXCLUDE FROM PN TEXT:
  REQUIRED:
Select SEQUENCE: 5
  ADDITIONAL PROMPT/FORCED VALUE: PXRМ COMMENT      prompt      NATIONAL
...OK? Yes// YES

  OVERRIDE PROMPT CAPTION:
  START NEW LINE: YES
  EXCLUDE FROM PN TEXT:
  REQUIRED:
Select SEQUENCE:
Input your edit comments.
Edit? NO//

NOW go to the Exchange and install the reminder and dialog again. After the Error
in the dialog installation:

Install reminder dialog and all components with no further changes:Y// YES
The update failed, UPDATE^DIE returned the following error message:
MSG("DIERR")=2^2
MSG("DIERR",1)=299
MSG("DIERR",1,"PARAM",0)=1
MSG("DIERR",1,"PARAM",1)='90764
MSG("DIERR",1,"TEXT",1)=More than one entry matches the value(s) '`90764'.
MSG("DIERR",2)=701
MSG("DIERR",2,"PARAM",0)=3

```

```
MSG("DIERR",2,"PARAM",3)=`90764
MSG("DIERR",2,"PARAM","FIELD")=.01
MSG("DIERR",2,"PARAM","FILE")=801.4118
MSG("DIERR",2,"TEXT",1)=The value '`90764' for field ADDITIONAL FINDINGS in ADDI
TIONAL FINDINGS SUB-FIELD in file REMINDER DIALOG is not valid.
MSG("DIERR","E",299,1)=
MSG("DIERR","E",701,2)=

REMINDER DIALOG entry IM PNEUMO-PS2 DONE 2011 did not get installed!
Examine the above error message for the reason.
COMPONENT DIALOG entry IM PNEUMO-PS2 DONE 2011 does not exist.

    Select one of the following:

        D      Delete (from the reminder/dialog)
        P      Replace (in the reminder/dialog) with an existing entry
        Q      Quit the install

Enter response: P
Select REMINDER DIALOG NAME: IM PNEUMOVAX-2 DONE
    ...OK? Yes//  YES

Reminder Dialog IHS-PNEUMOVAX IMMUN 2011 is not linked to a reminder.
Select Reminder to Link: IHS-PNEUMOVAX IMMUN 2011
```

Figure A- 5: Instructions

A.6 When I Look At the Dialog After I Installed It In Reminder Exchange, the Findings Say “None”

It can be confusing when you first look at your dialog definitions. Here is an example where the dialog definition looks like the finding items did not load correctly. In the exchange file, it looks like the finding did not load. This is because some components of dialogs do not have findings and this is expected. (See second screen shot).

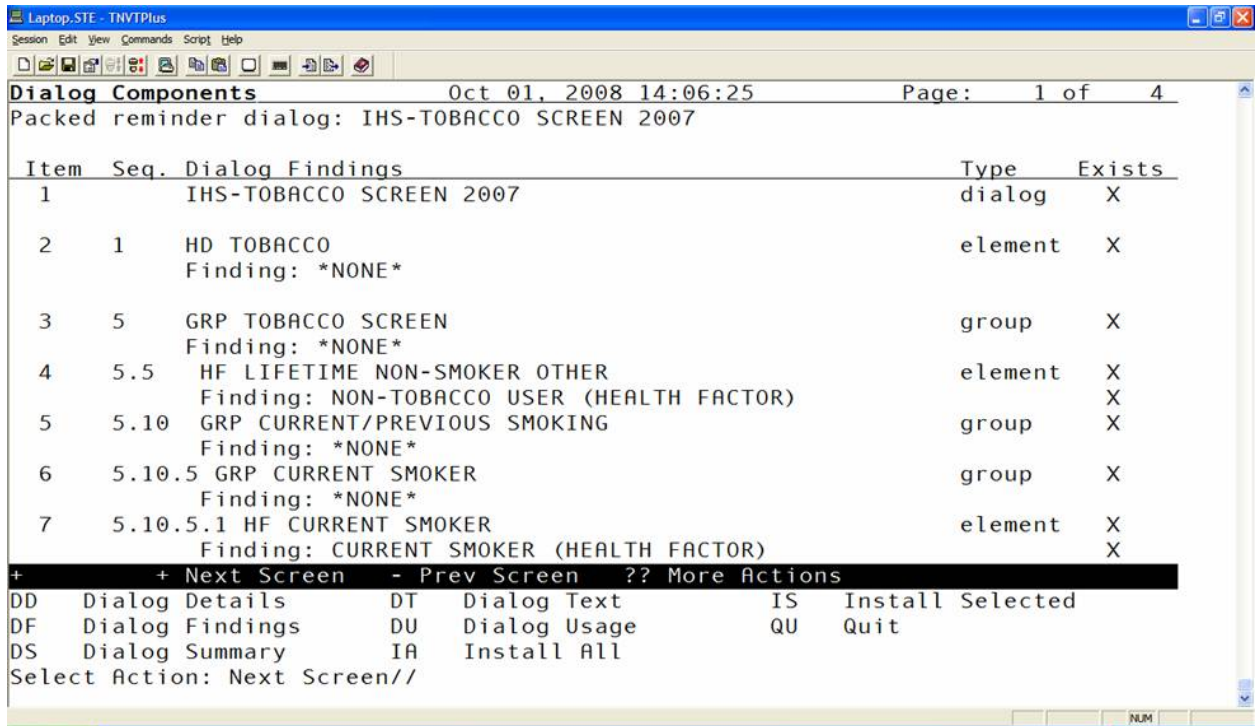


Figure A- 6: Sample List of Findings

In the example above, you'll notice that the Groups (under Type) do not have findings. This is expected. If you actually navigate to the Group Edit screen and look at the detail of the Group (see below), you'll see that each element in the group has an appropriate finding.

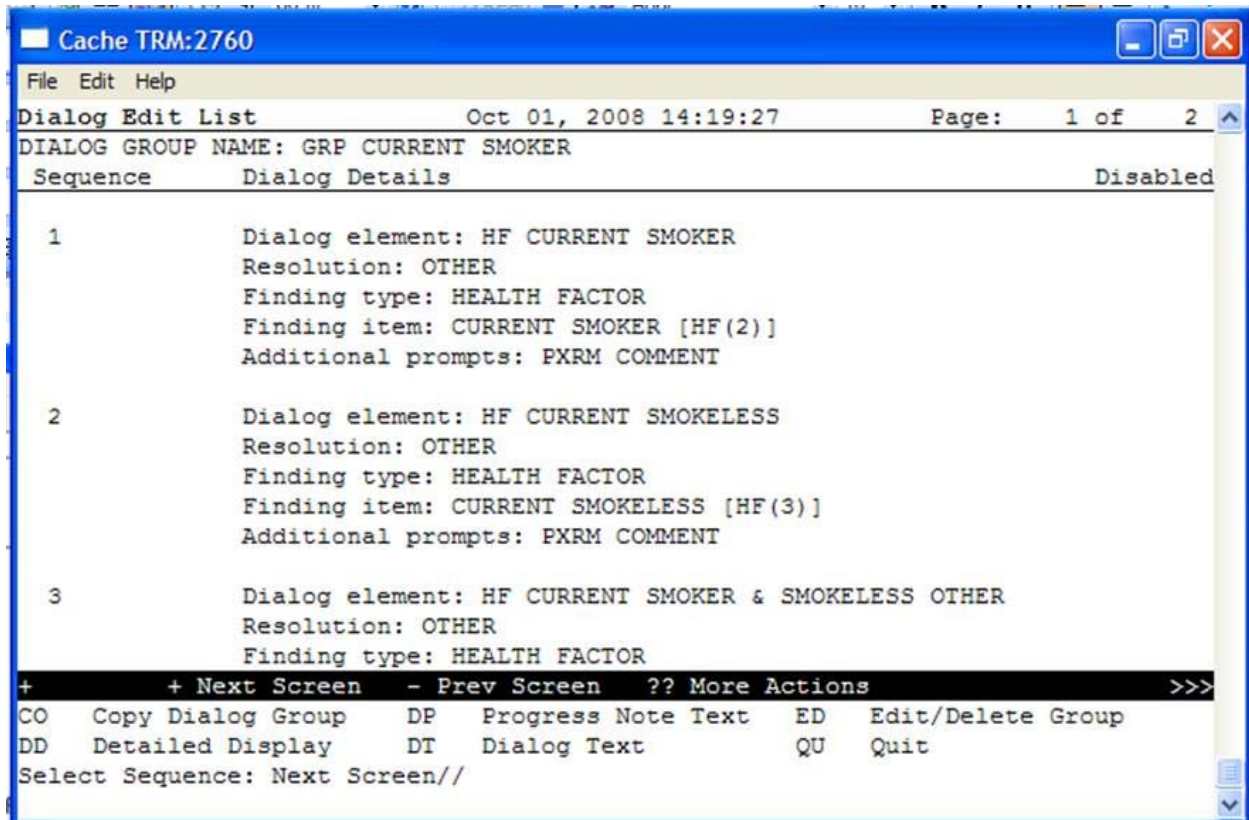


Figure A- 7: The Group Edit screen

A.7 The BPXRM objects do not work

A.7.1 The BPXRM LIPID PROFILE object does not display the last lipid profile results.

The BPXRM LIPID PROFILE object is not working and will be fixed in a future TIU patch. In the meantime you can create another object and use it in the dialog.

1. Create a new object which contains your site's LIPID PROFILE by copying the LAST LAB PANEL (SAMPLE) object.
2. Edit the dialog: replace the BPXRM LIPID PROFILE with the object that you created in step 1.

Step 1: Create a new object which contains your site's LIPID PROFILE by copying the LAST LAB PANEL (SAMPLE) object.

RPMS-EHR Configuration Master Menu | TIU Configuration | TIU Menu For Medical Records | TIU Maintenance Menu | Document Definitions (Manager) | Document Definitions (Manager)

```

(DЕМО INDIAN HOSPITAL)

DDM1 Edit Document Definitions
DDM2 Sort Document Definitions
DDM3 Create Document Definitions
DDM4 Create Objects
DDM5 List Object Descriptions
DDM6 Create TIU/Health Summary Objects
DDM7 Title Headers/Headers

Select Document Definitions (Manager) Option: DDM4
Create Objects

(DЕМО INDIAN HOSPITAL)

START DISPLAY WITH OBJECT: FIRST//

Objects

                                     Status
1      ACTIVE MEDICATIONS                A
2      ACTIVE MEDS COMBINED                A
3      ACTIVE MEDS IN AND OUT              A
4      ACTIVE MEDS INPATIENT               A
5      ACTIVE MEDS ONE LIST                A
6      ACTIVE MEDS OUTPATIENT             A
7      ACTIVE PROBLEMS                    A
8      ACTIVE PROBLEMS W/O DATES           A
9      ADDRESS-ONE LINE                    A
10     ADMITTING DX                        A
11     ADMITTING PROVIDER                  A
12     ALLERGIES/ADR                       A
13     ASTHMA CONTROLLER MEDS              A
14     ASTHMA REGISTRY                     A
+      ?Help    >ScrollRight    PS/PL PrintScrn/List    +/-    >>>
      Find      Detailed Display/Edit    Copy/Move
      Change View    Try    Quit
      Create      Owner

Select Action: Next Screen/ Find
Search for://LAST LAB PANEL (SAMPLE)

Objects

                                     Status
+
109    LAST LAB INR 3                      A
110    LAST LAB PANEL (CHEM PANEL)         A
111    LAST LAB PANEL (SAMPLE)           I
112    LAST LAB PANEL LIPID                A
113    LAST LAB TEST (BRIEF)               I
114    LAST LAB TEST (NO CAP)              I
115    LAST LAB TEST (SAMPLE)              I
116    LAST LAB TEST DATE (SAMPLE)         I
117    LAST MAMM                           A
118    LAST MEASUREMENT LIST               A
119    LAST MEASUREMENT LIST               A
120    LAST MED (SAMPLE)                   I
    
```

```

121  LAST MED CLASS (SAMPLE)                                I
122  LAST MED CLASS/PHARM PT (SAMPLE)                       I
+    ?Help  >ScrollRight  PS/PL PrintScrn/List  +/-      >>>
...searching for 'LAST LAB PANEL (sample)'

Stop Here? Yes//

Select Action: Next Screen// COPY

Select Entry to Copy:  (109-122):111 enter the number of the LAST LAB PANEL (SAMPLE)
. Yours may be different.

Copy into (different) Name: LAST LAB PANEL (SAMPLE)
Replace SAMPLE With LIPID PROFILE
Replace
  LAST LAB PANEL (LIPID PROFILE)

OBJECT copied into File Entry #665
Press RETURN to continue or '^' or '^ ^' to exit:
  Feb 14, 2012 15:38:44          Page: 8 of 21
                                Objects

+                                     Status
111  LAST LAB PANEL (LIPID PROFILE)                        I
112  LAST LAB PANEL (SAMPLE)                               I
113  LAST LAB PANEL LIPID                                  A
114  LAST LAB TEST (BRIEF)                                 I
115  LAST LAB TEST (NO CAP)                                I
116  LAST LAB TEST (SAMPLE)                                I
117  LAST LAB TEST DATE (SAMPLE)                           I
118  LAST MAMM                                             A
119  LAST MEASUREMENT LIST                                 A
120  LAST MEASUREMENT LIST                                 A
121  LAST MED (SAMPLE)                                     I
122  LAST MED CLASS (SAMPLE)                               I
123  LAST MED CLASS/PHARM PT (SAMPLE)                       I
124  LAST PAIN                                             A
+    ?Help  >ScrollRight  PS/PL PrintScrn/List  +/-      >>>
  Find      Detailed Display/Edit  Copy/Move
  Change View  Try  Quit
  Create      Owner

Select Action: Next Screen// DETAILED
Select Entry:  (111-124): 111
Object LAST LAB PANEL (LIPID PROFILE)

Basics
  Name:  LAST LAB PANEL (LIPID PROFILE)
  Abbreviation:
  Print Name:
  Type:  OBJECT
  IFN:  665
  National
  Standard:  NO
  Status:  INACTIVE
  Owner:  CLINICAL COORDINATOR

Technical Fields
  Object Method:  S X=$$LABPANL^BTIUPCC(DFN,"LAB PANEL NAME")

Description
  ? Help      +, - Next, Previous Screen  PS/PL

```

```

Basics          Find          Description Edit
Technical Fields Delete
Try            Quit
Select Action: Quit// TECHNICAL FIELDS

OBJECT METHOD:  S X=$$LABPANL^BTIUPCC(DFN,"LAB PANEL NAME")
  Replace LAB PANEL NAME With LIPID PANEL

Replace the words LAB PANEL NAME with the exact name of the LIPID PANEL that is
being used at the facility.

Select Action: Quit// BASICS

NAME: LAST LAB PANEL (LIPID PROFILE)  Replace
ABBREVIATION:
PRINT NAME:
CLASS OWNER: CLINICAL COORDINATOR  Replace
STATUS: (A/I): INACTIVE// A          <--now activate the object
    
```

Figure A- 8: Instructions

Step 2: Edit the dialog: replace the BPXRМ LIPID PROFILE with the object that you created in step 1.

Use the Reminder Dialogs Menu Option to make these changes: Reminder Configuration | Reminder Dialog Management Menu | Reminder Dialogs

```

REMINDER VIEW (ALL REMINDERS BY NAME)

Item Reminder Name          Linked Dialog Name & Dialog Status
1  AAO NURSE SCREENING BUNDLE 6.2009
2  IHS-ACTIVITY SCREEN 2011  IHS-ACTIVITY SCREEN 2011
3  IHS-ALCOHOL SCREEN 2007
4  IHS-ALCOHOL SCREEN 2011  IHS-ALCOHOL SCREEN 2011
5  IHS-ALLERGY
6  IHS-ALLERGY 2011         IHS-ALLERGY 2011
7  IHS-ANTICOAG CBC 2011    IHS-ANTICOAG CBC 2011
8  IHS-ANTICOAG DURATION OF TX 2011  IHS-ANTICOAG DURATION OF TX
9  IHS-ANTICOAG INR GOAL 2011  IHS-ANTICOAG INR GOAL 2011
10 IHS-ANTICOAG OCCULT BLOOD 2011  IHS-ANTICOAG OCCULT BLOOD 2
11 IHS-ANTICOAG THERAPY END DATE 2011 IHS-ANTICOAG THERAPY END DA
12 IHS-ANTICOAG UA 2011      IHS-ANTICOAG UA 2011
13 IHS-ASBI BNI 2011        IHS-ASBI BNI 2011          Disabled
14 IHS-ASBI SCREENING 2011
15 IHS-ASTHMA ACTION PLAN 2011  IHS-ASTHMA ACTION PLAN 2011
16 IHS-ASTHMA CONTROL 2009

+      + Next Screen  - Prev Screen  ?? More Actions          >>>
AR All reminders      LR  Linked Reminders  QU  Quit
CV Change View       RN  Name/Print Name

Select Item: Next Screen// CV
Select one of the following:

      D      Reminder Dialogs
E      Dialog Elements
      F      Forced Values
      G      Dialog Groups
      P      Additional Prompts
      R      Reminders
      RG     Result Group (Mental Health)
    
```

```

RE          Result Element (Mental Health)

TYPE OF VIEW: R// E

DIALOG VIEW (DIALOG ELEMENTS)

+Item Dialog Name                               Dialog type                               Status
  7 ASBI CPT COMM INS 30 MIN                    Dialog Element
  8 ASBI CPT MEDICAID                            Dialog Element
  9 ASBI CPT MEDICAID 15 MIN                     Dialog Element
 10 ASBI CPT MEDICARE 15-30 MIN                 Dialog Element
 11 ASBI CPT MEDICARE 30 MIN                    Dialog Element
 12 ASBI ED AOD-COMPLICATIONS                   Dialog Element
 13 ASBI ED AOD-CULTURAL/SPIRIT                 Dialog Element
 14 ASBI ED AOD-DISEASE PROCESS                 Dialog Element
 15 ASBI ED AOD-FOLLOWUP                        Dialog Element
 16 ASBI ED AOD-HEALTH PROMOTION DISEASE PR    Dialog Element
 17 ASBI ED AOD-HELP LINE                       Dialog Element
 18 ASBI ED AOD-INFORMATION AND REFERRAL        Dialog Element
 19 ASBI ED AOD-INJURIES                        Dialog Element
 20 ASBI ED AOD-LIFESTYLE ADAPTATIONS           Dialog Element
 21 ASBI ED AOD-MEDICATIONS                     Dialog Element
 22 ASBI ED AOD-NUTRITION                       Dialog Element
+      + Next Screen  - Prev Screen  ?? More Actions          CO
Copy Dialog          PT  List/Print All    QU  Quit
Select Item: Next Screen// SL  SL
Search for: HD LIPID
Stop Here: YES      HD LIPID should be highlighted at the top of the screen:

DIALOG VIEW (DIALOG ELEMENTS)

+Item Dialog Name                               Dialog type                               Status
277 HD LIPID                                     Dialog Element
 278 HD MAMMO ALREADY SCHEDULED                 Dialog Element
 279 HD MAMMO REFERRAL DONE                     Dialog Element
 280 HD MAMMOGRAM EDUCATION                     Dialog Element
 281 HD MED COUNSELING INFO                     Dialog Element
 282 HD MED PROBLEM LIST                       Dialog Element
 283 HD MENINGITIS TEXT                         Dialog Element
 284 HD MMR TEXT                                Dialog Element
 285 HD MTM ADDL INFO                           Dialog Element
 286 HD MTM FOLLOW UP                            Dialog Element
 287 HD NEPHRO SCREEN                           Dialog Element
 288 HD NEWBORN HEARING                         Dialog Element
 289 HD OSTEOPOROSIS SCREENING                 Dialog Element
 290 HD PAP NOT DONE TEXT                       Dialog Element
 291 HD PED FLU                                 Dialog Element
 292 HD PEDAL PULSES                            Dialog Element
+      + Next Screen  - Prev Screen  ?? More Actions
AD  Add          CV  Change View          INQ  Inquiry/Print
CO  Copy Dialog  PT  List/Print All        QU  Quit

Select Item: Next Screen//      277 (enter the number of the HD LIPID element . In
this example, it is number 277. Yours may be different.)

CURRENT DIALOG ELEMENT/GROUP NAME: HD LIPID
Used by:  IHS-LIPID FEMALE 2011 (Reminder Dialog)
         IHS-LIPID MALE 2011 (Reminder Dialog)

NAME: HD LIPID//
DISABLE:

```

```

CLASS: VISN//
SPONSOR:
REVIEW DATE:
RESOLUTION TYPE:
ORDERABLE ITEM:
FINDING ITEM:
DIALOG/PROGRESS NOTE TEXT:
Patient's last LIPID PROFILE was:
|BPXRМ LIPID PROFILE|

Edit? NO// y

==[ WRAP ]==[ INSERT ]=====< DIALOG/PROGRESS NOTE TEXT >====[ Patient's last LIPID
PROFILE was:
|BPXRМ LIPID PROFILE|          replace BPXRМ LIPID PROFILE with the name of the object
that you created. Select F1 key and E key to exit and save the changes

<=====T=====T=====T=====T=====T=====T=====T=====

ALTERNATE PROGRESS NOTE TEXT:
No existing text
Edit? NO// ^ uphat to exit

```

Figure A- 9: Instructions

Log out of EHR and log in again. Test the object by processing the IHS-LIPID dialog(s) on a patient who has a recent lipid profile result. Confirm that you can see the last lipid profile results.

A.7.2 The BPXRМ HGBA1C object is does not display the last lab data.

This might occur with any of the BPXRМ (lab test) objects. This object needs to contain the name of the HGBA1C lab test that is being used at your facility. This example describes how to map the HGBA1C lab test that is used at the facility to the BPXRМ HGBA1C object.

1. Go to DDM4 in your TIU menu: RPMS-EHR Configuration Master Menu | TIU Configuration | TIU Menu For Medical Records | TIU Maintenance Menu | Document Definitions (Manager)

```

(DEMO INDIAN HOSPITAL)

DDM1  Edit Document Definitions
DDM2  Sort Document Definitions
DDM3  Create Document Definitions
DDM4  Create Objects
DDM5  List Object Descriptions
DDM6  Create TIU/Health Summary Objects
DDM7  Title Headers/Footers

Select Document Definitions (Manager) Option: DDM4
Create Objects

```

```

                                (DEMO INDIAN HOSPITAL)

START DISPLAY WITH OBJECT: FIRST//

Objects                               Oct 29, 2008 17:34:35           Page:    3 of    27
                                Objects

+                                     Status
29    BPXRM DIABETIC EYE                A
30    BPXRM FOOT EXAM                   A
31    BPXRM HEAD CIRCUMFERENCE          A
32    BPXRM HEIGHT                      A
33    BPXRM HGB AND HCT                 A
34    BPXRM HGBA1C                      A
35    BPXRM INTIMATE PARTNER VIOLENCE   A
36    BPXRM LIPID PROFILE                A
37    BPXRM MAMMOGRAM                   A
38    BPXRM TOBACCO SCREEN              A
39    CHIEF COMPLAINT TODAY             A
40    COMMUNITY                         A
41    CONTRACEPTION-BRIEF              A
42    CONTRACEPTION-EXPANDED           A
+      ?Help    >ScrollRight    PS/PL PrintScrn/List    +/-          >>>
      Find      Detailed Display/Edit    Copy/Move
      Change View    Try                Quit
      Create      Owner

Select Action: Next Screen// DET
Select Entry:  (29-42): 36  Enter the number of the BPXRM HGBA1C from above. Yours
may be different.

Object BPXRM HGBA1C

Basics
  Name:      BPXRM HGBA1C
  Abbreviation:
  Print Name:
  Type:      OBJECT
  IFN:      49
  National
  Standard:  NO
  Status:    ACTIVE
  Owner:    CLINICAL COORDINATOR

Technical Fields
  Object Method:  S X=$$SLAB^BTIUPCC(+$(DFN),"HGBA1C")

Description
+      ? Help      +, - Next, Previous Screen    PS/PL
  Basics          Find                Description Edit
  Technical Fields    Delete
  Try              Quit

Select Action: Next Screen/BASICS  go to Basics to inactivate the object so you can
edit it.

Edit Owner and Status only; Entry not Inactive
CLASS OWNER: CLINICAL COORDINATOR  Replace
STATUS: (A/I): ACTIVE// I  Inactivate the entry so you can edit it.

```



```

Object BPXRM HGBA1C

Basics
  Name:      BPXRM HGBA1C
  Abbreviation:
  Print Name:
  Type:     OBJECT
  IFN:     49
  National
  Standard: NO
  Status:  INACTIVE                Must be inactive
  Owner:   CLINICAL COORDINATOR

Technical Fields
  Object Method:  S X=$$SLAB^BTIUPCC(+$G(DFN),"HGBA1C")

Description
+   ? Help          +, - Next, Previous Screen    PS/PL
  Basics           Find                          Description Edit
  Technical Fields Delete
  Try              Quit
Select Action: Next Screen// technical <-edit the technical field to replace HGBA1C
with the exact name of the test that is used by your facility

OBJECT METHOD:  S X=$$SLAB^BTIUPCC(+$G(DFN),"HGBA1C")

  Replace HGBA1C With HGB A1C (use the exact name of the HGBA1C test that is in use
at your facility

Detailed Display          Feb 14, 2012 15:07:14          Page: 1 of 2
                          Object BPXRM HGBA1C

Basics
  Name:      BPXRM HGBA1C
  Abbreviation:
  Print Name:
  Type:     OBJECT
  IFN:     49
  National
  Standard: NO
  Status:  INACTIVE
  Owner:   CLINICAL COORDINATOR

Technical Fields
  Object Method:  S X=$$SLAB^BTIUPCC(+$G(DFN),"HGB A1C") double check the name
of the test

Description
+   ? Help          +, - Next, Previous Screen    PS/PL
  Basics           Find                          Description Edit
  Technical Fields Delete
  Try              Quit
Select Action: Next Screen//Basics now go back into Basics to activate the object.

NAME: BPXRM HGBA1C//

```

```

ABBREVIATION:
PRINT NAME:
CLASS OWNER: CLINICAL COORDINATOR  Replace

STATUS: (A/I): INACTIVE//  ACTIVE

Object BPXRM HGBA1C

Basics
    Name:      BPXRM HGBA1C
    Abbreviation:
    Print Name:
    Type:      OBJECT
    IFN:      49
    National
    Standard:  NO
    Status:    ACTIVE
    Owner:     CLINICAL COORDINATOR

Technical Fields
    Object Method:  S X=$$SLAB^BTIUPCC(+$G(DFN),"HGB A1C")

Description
+      ? Help      +, - Next, Previous Screen      PS/PL
    Basics      Find      Description Edit
    Technical Fields      Delete
    Try      Quit
Select Action: Next Screen//Q
    
```

Figure A- 10: Instructions

A.8 Medication Reminders - Last Occurrence Date

Reminders that use medications in the resolution logic: DM-ASPIRIN, DM-ACE/ARB, DM-ANTIPLATLET CVD use the last fill date as the LAST OCCURRENCE DATE.

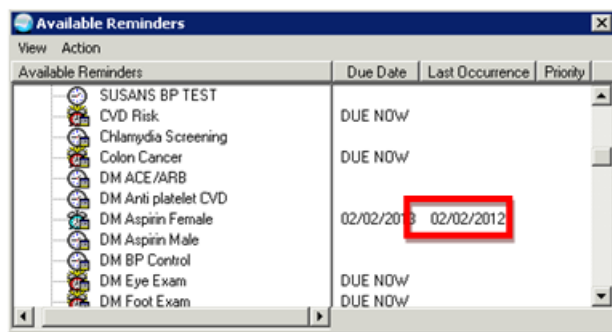


Figure A- 11: Example of a DM Aspirin reminder that was last filled on 2/2/2012

If the medication is an OUTSIDE MEDICATION, it will display today's date as the LAST OCCURRENCE DATE. In the example below, the Outside Med was documented last month. Outside Meds do not have an associated fill date. The

reminder uses TODAY'S date as the LAST OCCURRENCE DATE. In this example, today is 2/14/2012.

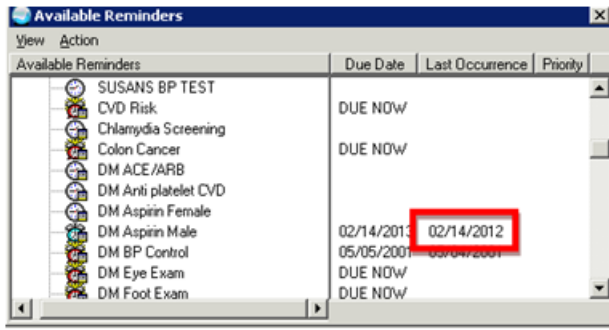


Figure A- 12: Example of an Outside Med displayed on 2/14/201

A.9 Problems Getting Reminders Visible For Everyone

If you have reminders showing up for most users but not for others, the culprit is likely in the parameters. Usually it means that the NEW parameter is set to YES for system but NO at a lower level, such as class or user. Entering parameters is easiest from the RPMS-EHR Master Configuration menu | REM Reminder Configuration | PAR Reminder Parameters Menu | New Reminder Parameters:

```

NEW      New Reminder Parameters      (ORQQPX NEW REMINDER PARAMS)

Use New Reminder Parameters may be set for the following:

1  User          USR      [choose from NEW PERSON]
2  Service       SRV      [choose from SERVICE/SECTION]
3  Division      DIV      [DEMO INDIAN HOSPITAL]
4  System        SYS      [DEMO.OKLAHOMA.IHS.GOV]
5  Package       PKG      [ORDER ENTRY/RESULTS REPORTING]

Enter selection:  RICHARDS, SUSAN P

Parameter          Instance      Value
-----
USR: RICHARDS,SUSAN P      1              NO  if this were set to no, like
here, this user would only see what was set up in the cover sheet reminder list (CVR
above) and not what was set up in the GUI reminder configuration. To remove, edit
the parameter and @ at the prompt so the value is empty

SYS: YAKIMA-HC.PRT.IHS.GOV      1              YES
    
```

Figure A- 13: Instructions

A.10 Reminder is Due When it Shouldn't be Due

This can happen if the reminder uses Health Maintenance Reminder (HMR) or Best Practice Prompts (HMR) in their resolution logic and the lab test or medications that are needed to resolve the HMR or BPP are not members of the RPMS taxonomy.

Examples:

My patient has a recent chlamydia test, but the IHS-CHLAMYDIA reminder shows as due.

My patient has a recent prescription for asthma inhaled steroid, but the IHS-ASTHMA STEROIDS reminder shows as due. My patient's [best practice/hmr] reminder shows as due when it should not be due.

These reminders use the data found by the Health Maintenance Reminder or Best Practice to determine if they are due or not. You'll need to look at the logic that the HMR or BPP uses. Confirm that the drug or lab that is being used to resolve the reminder is a member of the HMR or BPP taxonomy. HMR/BPP RPMS taxonomies can be edited using iCare or CRS.

1. Review the Logic Detail for the health maintenance reminder or best practice prompt logic in one of the following locations:
 - Appendix of this guide (or current version).
http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf
 - iCare: Click on the glossary button and select Reminders Glossary (health summary reminders) or Best Practice Prompts Glossary
2. Confirm that the lab test/ medication/ etc. item that the reminder is looking at is a member of the taxonomy.

Example- The CHLAMYDIA Health Maintenance Reminder uses the BGP CHLAMYDIA TESTS taxonomy to look for the chlamydia test(s) that is being used by your facility

LOGIC DETAIL: (from iCare Glossary or Health Summary User Manual Appendix)

Chlamydia Test Definition:

- Procedures (CPT Codes): V CPT 86631, 86632, 87110, 87270, 87320, 87490-87492, 87810 [BGP CHLAMYDIA CPTS]
 - LOINC Codes: V Lab as predefined in [BGP CHLAMYDIA LOINC CODES]
 - Site Defined Lab Tests: V Lab site-defined tests in [BGP CHLAMYDIA TESTS TAX]<-- **The lab test used at your facility must be a member of this taxonomy**

Figure A- 14: Instructions

3. This taxonomy can be populated with the appropriate labs/drugs through iCare or Clinical Reporting System (CRS).

iCare:

To edit the taxonomy, the iCare user must possess the BGPZ TAXONOMY EDITOR key. Add the test(s) that is being used at your facility.

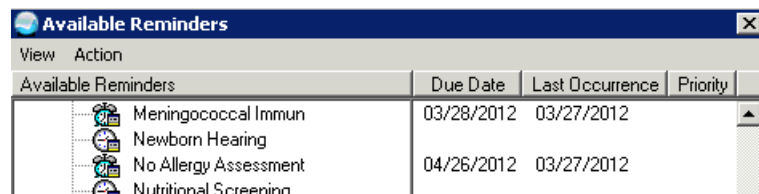
Login to iCare | Tools | Taxonomy Maintenance | View/Edit Taxonomy Entries | All Site Populated | Lab Tests | BGP Chlamydia Tests | add the chlamydia lab test(s) that are ordered at your facility.

CRS:

To edit the taxonomy ; you must possess the appropriate security keys and menu options or ask the appropriate staff to edit the taxonomy.

CRS Main Menu | System Setup | Taxonomy Setup | Taxonomy Setup-All CRS Reports | Select a Taxonomy | add the chlamydia lab test(s) that are ordered at your facility

A.11 Why is the Due Date Tomorrow?



Available Reminders	Due Date	Last Occurrence	Priority
Meningococcal Immun	03/28/2012	03/27/2012	
Newborn Hearing			
No Allergy Assessment	04/26/2012	03/27/2012	
Nutritional Screening			

Figure A- 15: Reminder Due Date

The reminder is due to check tomorrow to see if the immunization is due. This is the case for all immunization reminders; several of the anti-coagulation and asthma reminders, and CVD reminder.

A.12 Access Violation Error When Processing Dialogs

An Access Violation Error occurs if you are processing a dialog and you select the Clinical Maintenance Button from within the dialog. When you exit/save the dialog, you will receive this error message:

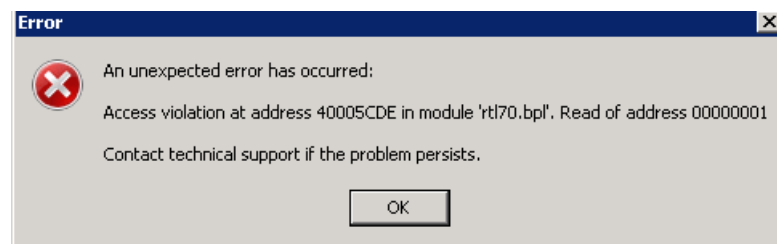


Figure A- 16: Access Violation Error

This is a known issue that will be fixed in a future RPMS-EHR patch. If you receive this error, logout of RPMS-EHR and back in again. We recommend that you do not use the CLINICAL MAINTENANCE button when processing dialogs. Instead, right-click on a reminder or reminder dialog and select Clinical Maintenance.

Appendix B: National Reminders Summary

The following table is the up-to-date list of currently released EHR (Clinical) Reminders with a list of taxonomies, terms, computed findings (CF's), Quick Orders, and Objects in each reminder dialog.

*Reminder Taxonomy Descriptions: Refer to Appendix C.

**RPMS Taxonomy Descriptions: These taxonomies are used by the PCC Health Maintenance Reminders and Best Practice Prompts. A description of these taxonomies can be found in the PCC Health Summary manual.

http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07u_apch.pdf

Reminder	Reminder Taxonomies* RPMS taxonomies**	Reminder Terms	CFs	Quick Orders	Objects
IHS-ACTIVITY SCREEN 2011		IHS-ACTIVITY LEVEL IHS-EXERCISE EDUCATION			LAST AUDIT 3 LAST AUDITC 3 LAST CRAFTT 3 V INSURANCE
IHS-ALCOHOL SCREEN 2012	RPMS taxonomies		IHS-ALCOHOL 2009		LAST AUDIT 3 LAST AUDITC 3 LAST CRAFTT 3
IHS-ALLERGY 2012			PCALLERGY		V MEASUREMENT LAST BPF BPXRM UPDATED TOBACCO
IHS-ANTICOAG CBC 2011	RPMS taxonomies		IHS-ANTICOAG CBC IHS-WARFARIN PT		PATIENT NAME PWH MED REC FOR MTM
IHS-ANTICOAG DURATION OF TX 2011	RPMS taxonomies		IHS-INR DURATION IHS-WARFARIN PT		IMMUNIZATIONS DUE

Reminder	Reminder Taxonomies* RPMS taxonomies**	Reminder Terms	CFs	Quick Orders	Objects
IHS-ANTICOAG INR GOAL 2011	RPMS taxonomies		IHS-ANTICOAG INR GOAL IHS-WARFARIN PT		BPXRM LAST PHQ2 BPXRM LAST PHQ9, PATIENT NAME, PATIENT SEX, PATIENT AGE- DETAILED, BPXRM ALCOHOL SCREEN, LAST AUDIT C 3, LAST CRAFFT 3, BPXRM UPDATED TOBACCO, BPXRM DEPRESSION SCREEN, BPXRM INTIMATE PARTNER VIOLENCE, LAST HF OCCUPATION, V MEASUREMENT, V POV MULTI LINE, V ACTIVITY TIME, V TRAVEL TIME, V TOTAL TIME,
IHS-ANTICOAG OCCULT BLOOD 2011	RPMS taxonomies		IHS-ANTICOAG FOBT IHS-WARFARIN PT		BPXRM LAST PHQ2 BPXRM LAST PHQ9
IHS-ANTICOAG THERAPY END DATE 2011	RPMS taxonomies		IHS-ANTICOAG END IHS-WARFARIN PT		BPXRM LAST PHQ2 BPXRM LAST PHQ9, BPXRM INTIMATE PARTNER VIOLENCE,, BPXRM UPDATED TOBACCO
IHS-ANTICOAG UA 2011	RPMS taxonomies		IHS-ANTICOAG URINE IHS-WARFARIN PT		
IHS-ASTHMA CONTROL 2011	IHS-ASTHMA 2007 RPMS taxonomies		IHS-ASTHMA CONTROL		

Reminder	Reminder Taxonomies* RPMS taxonomies**	Reminder Terms	CFs	Quick Orders	Objects
IHS-ASTHMA ACTION PLAN 2012	IHS-ASTHMA 2007 RPMS taxonomies		IHS-ASTHMA PLAN		
IHS-ASTHMA PRIM PROV 2012	IHS-ASTHMA 2007 RPMS taxonomies		IHS-ASTHMA PRIMARY		
IHS-ASTHMA RISK EXACERBATION 2011	IHS-ASTHMA 2007 RPMS taxonomies		IHS-ASTHMA EXACERBATION		
IHS-ASTHMA SEVERITY 2012	IHS-ASTHMA 2007 RPMS taxonomies		IHS-ASTHMA SEVERITY		
IHS-ASTHMA STEROIDS 2012	IHS-ASTHMA 2007 RPMS taxonomies		IHS-ASTHMA STEROIDS		
IHS-ASTHMA INTAKE (DIALOG ONLY)					
IHS-BLOOD PRESSURE 2012	IHS-HYPERTENSION 2007 IHS-DIABETES DX 2007	IHS-HIGH DIASTOLIC IHS-HIGH BP 2007			
IHS-CHL0041MY DIA SCREEN 2011	RPMS taxonomies		IHS-CHLAMYDIA		
IHS-COLON CANCER 2012	IHS-SIGMOIDOSCOPY IHS-COLONOSCOPY 2007 IHS-FECAL OCCULT LAB TEST IHS-BARIUM EMEMA IHS-COLORECTAL CANCER	IHS-FECAL OCCULT BLOOD			

Reminder	Reminder Taxonomies* RPMS taxonomies**	Reminder Terms	CFs	Quick Orders	Objects
IHS-CVD 2011	RPMS taxonomies		IHS-CVD RISK		
IHS-DENTAL VISIT 2011			IHS-DENTAL 2009		
IHS-DEPO PROVERA 2012	IHS-DEPO PROVERA ADMINISTRATI ON	IHS-DEPO PROVERA ORDERABL E ITEM			
IHS-DEPRESSIO N SCREEN 2011	RPMS taxonomies		IHS-DEPRESSION 2009		
IHS-DIAB ACE/ARB 2012	IHS-DIABETES DX 2007 IHS-HYPERTENSIO N 2007 IHS-DIABETIC NEPHROPATH Y	IHS-DIAB NEPHROPA THY LABS IHS-ACE/ARBS	IHS-ALLERGY ACE/ARBS		
IHS-DIAB ASPIRIN FEMALE 2011	IHS-DIABETES DX 2007 IHS-ISCHEMIC HEART DISEASE 2007	IHS-ASPIRIN IHS-CLOPIDOGR EL	IHS-ALLERGY ASPIRIN 2009 IHS-ALLERGY CLOPIDOGREL IHS-WARFARIN PT		
IHS-DIAB ASPIRIN MALE 2011	IHS-DIABETES DX 2007 IHS-ISCHEMIC HEART DISEASE 2007	IHS IHS-ASPIRIN IHS-CLOPIDOGR EL	IHS-ALLERGY ASPIRIN 2009 IHS-ALLERGY CLOPIDOGREL IHS-WARFARIN PT		
IHS-DIAB ANTPLT KNOWN CVD 2012	IHS-ISCHEMIC HEART DISEASE 2007 IHS-DIABETES DX 2007	IHS IHS-ASPIRIN IHS-CLOPIDOGR L	IHS-ALLERGY ASPIRIN 2009 IHS-ALLERGY CLOPIDOGREL IHS-WARFARIN PT		
IHS-DIAB EYE EXAM 2011	IHS-DIABETES DX 2007 IHS-FUNDOSCOPIC EYE CODES 2007				

Reminder	Reminder Taxonomies* RPMS taxonomies**	Reminder Terms	CFs	Quick Orders	Objects
IHS-DIAB FOOT EXAM 2011	IHS-DIABETES DX 2007				
IHS-DIAB HGBA1C 2011	IHS-DIABETES DX 2007	IHS-HGBA1C			
IHS-DIAB HGBA1C CONTROL 2012	IHS-DIABETES DX 2007	IHS-HGBA1C IHS-HGBA1C REEVALUATE			
IHS-DIAB NEPHRO SCR/MON 2012	IHS-DIABETES DX 2007 IHS-DIALYSIS	IHS-URINE ALBUMIN IHS-EGFR			
IHS-DIABETES SCREENING 2011	IHS-DIABETES PROBLEMS ONLY		IHS-DIABETES 2009		
IHS-DOMESTIC VIOLENCE 2012	RPMS taxonomies		IHS-IPVS 2009		
IHS-EPSTD SCREENING 2012	RPMS taxonomies		IHS-EPSDT 2009		
IHS-FUNCTIONAL ASSESSMENT 2011			IHS-FUNCTION 2009		
IHS-FALL RISK 2011			IHS-FALL RISK		
IHS-HCT/HGB 2011		IHS-HCT/HGB			
IHS-HEAD CIRCUMFERENCE 2012			IHS-HEAD CIRCUMFERENCE		
IHS-HEARING TEST 2011	RPMS taxonomies		IHS-HEARING 2009		
IHS-HEIGHT 2012					

Reminder	Reminder Taxonomies* RPMS taxonomies**	Reminder Terms	CFs	Quick Orders	Objects
IHS-HEP A ADULT 2012	***forecaster***	IHS-HEPADULT IMMUNIZATION	IHS-HEPA ADULT		
IHS-HEP B ADULT 2011	***forecaster***	IHS-HEBADULT IMMUNIZATION	IHS-HEPB ADULT		
IHS-HPV IMMUNIZATION 2012	***forecaster***	IHS-HPV IMMUNIZATION	IHS-HPV		
IHS-HIV SCREEN 2012	IHS-HIV DX		IHS-HIV		
IHS-IMMUNIZATION FORECAST 2011	***forecaster***		IHS-IMM FORECAST		
IHS-INFLUENZA IMMUNIZATION 2011	***forecaster***	IHS-INFLUENZA 2007	IHS-FLU IHS-ALLERGY EGG		
IHS-LIPID FEMALE 2012	IHS-DIABETES DX 2007	IHS-LIPID LAB TESTS			
IHS-LIPID MALE 2012	IHS-DIABETES DX 2007	IHS-LIPID LAB TESTS			
IHS-MAMMOGRAM 2011	IHS-BILATERAL MASTECTOMY 2008 RPMS taxonomies		IHS-MAMMOGRAM 2009		
IHS-MENINGITIS IMMUNIZATION 2012	***forecaster***	IHS-MENINGITIS IMMUNE	IHS-MENINGITIS		
IHS-NEWBORN HEARING 2011			IHS-NEWBORN HEARING		
IHS-NUTRITIONAL SCREENING 2012			IHS-NUTRITION		

Reminder	Reminder Taxonomies* RPMS taxonomies**	Reminder Terms	CFs	Quick Orders	Objects
IHS-OSTEOPOROSIS SCREEN 2011	IHS-OSTEOPOROSIS DX RPMS taxonomies		IHS-OSTEO 2009		
IHS-PAP SMEAR 2011	IHS-HYSTERECTOMY 2009 RPMS taxonomies		IHS-PAP 2009		
IHS-PED DT IMMUNIZATION 2012	***forecaster***	IHS-PED TD IMMUNIZATION	IHS-TDPEDS		
IHS-PED DTAP IMMUNE 2012	***forecaster***	IHS-DTAP IMMUNIZATION	IHS-DTAP		
IHS-PED FLU IMMUNE 2012	***forecaster***	IHS-INFLUENZA 2007	IHS-FLU IHS-ALLERGY EGG		
IHS-PED HEPA IMMUNE 2012	***forecaster***	IHS-HEPA IMMUNIZATION	IHS-HEPA		
IHS-PED HEPB IMMUNE 2012	***forecaster***	IHS-HEPB IMMUNIZATION	IHS-HEPB		
IHS-PED HIBTITER IMMUNE 2012	***forecaster***	IHS-HIBTITER IMMUNIZATION	IHS-HIB		
IHS-PED MMR IMMUNE 2012	***forecaster***	IHS-MMR IMMUNIZATION	IHS-MMR		
IHS-PED PNEUMOCOCCAL CONJUGATE 2012	***forecaster***	IHS-PED PNEUMOVAX IMMUNIZATION	IHS-PNEUPED		
IHS-PED POLIO IMMUNE 2012	***forecaster***	IHS-POLIO IMMUNIZATION	IHS-POLIO		

Reminder	Reminder Taxonomies* RPMS taxonomies**	Reminder Terms	CFs	Quick Orders	Objects
IHS-PED ROTAVIRUS 2012	***forecaster***	IHS-ROTAVIRUS IMMUNIZATION	IHS-ROTA		
IHS-PED VARICELLA IMMUNE 2012	***forecaster***	IHS-VARICELLA IMMUNIZATION	IHS-VARICELLA		
IHS-PEDVAXHIB 2012	***forecaster***	IHS-PEDVAXHIB IMMUNIZATION	IHS-PEDVAXHIB		
IHS-PNEUMOVAX IMMUN 2012	***forecaster***	IHS-PNEUMOVAX IMMUNIZATION	IHS-PNEUMO		
IHS-PPD 2012	IHS-TB/POS PPD 2011				
IHS-RUBELLA IMMUN 2012	RPMS taxonomies	IHS-RUBELLA IMMUNIZATION	IHS-RUBELLA		
IHS-SENIOR HEIGHT 2011					
IHS-SENIOR VISION 2011			IHS-VISION 2009		
IHS-TD IMMUNIZATION 2012	***forecaster***	IHS-TD IMMUNIZATION	IHS-TD		
IHS-TDAP IMMUNE 2012	***forecaster***	IHS-TDAP IMMUNE	IHS-TDAP		
IHS-TOBACCO SCREEN 2011	RPMS taxonomies		IHS-TOBACCO 2009		
IHS-VISION EXAM			IHS-VISION 2009		
IHS-WEIGHT 2012					
IHS-ZOSTER IMMUNE 2012	***forecaster***	IHS-ZOSTER IMMUNIZATION	IHS-ZOSTER		
DIALOG ONLY					

Reminder	Reminder Taxonomies* RPMS taxonomies**	Reminder Terms	CFs	Quick Orders	Objects
IHS-ASBI BNI 2011					
IHS-ASBI SCREENING 2012					
IHS-ASTHMA INTAKE 2012					
IHS-MED THERAPY MNGT 2011					
IHS-PED PEDIARIX IMMUN 2012					
IHS-PHN HOSPITAL DC VISIT					BPXRM LAST PHQ2 BPXRM LAST PHQ9, PATIENT NAME, PATIENT SEX, PATIENT AGE- DETAILED, BPXRM ALCOHOL SCREEN, LAST AUDIT C 3, LAST CRAFFT 3, BPXRM UPDATED TOBACCO, BPXRM DEPRESSION SCREEN, BPXRM INTIMATE PARTNER VIOLENCE, LAST HF OCCUPATION, V MEASUREMENT, V POV MULTI LINE, V ACTIVITY TIME, V TRAVEL TIME, V TOTAL TIME,
IHS-PHQ9 SCREEN 2011					BPXRM LAST PHQ2 BPXRM LAST PHQ9
IHS- SCREENING BUNDLE 2011					BPXRM LAST PHQ2 BPXRM LAST PHQ9, BPXRM INTIMATE PARTNER VIOLENCE,, BPXRM UPDATED TOBACCO

Appendix C: Reminder Taxonomies

The following provides information about reminder taxonomies released in previous patches as well as updated and new Reminder Taxonomies of PXRМ 1008 that will be installed through the exchange.

If this is the first time you have installed this category of reminder (example: Asthma) then the Reminder Taxonomy will be installed through the exchange.

C.1 IHS-ASTHMA 2007

Code Sets:					
ICD9 RANGE		ICD0 RANGE		CPT RANGE	
LOW	HIGH	LOW	HIGH	LOW	HIGH
493.00	493.92				

Figure C- 1: IHS-ASTHMA 2007

C.2 IHS-BILATERAL MASTECTOMY 2008

Patient Data Source:					
EN, PL, IN					
Code Sets:					
ICD9 RANGE		ICD0 RANGE		CPT RANGE	
LOW	HIGH	LOW	HIGH	LOW	HIGH
		85.42	85.42		
		85.44	85.44		

Figure C- 2: C.2IHS-BILATERAL MASTECTOMY 2008

C.3 Taxonomies for IHS-COLON CANCER 2009

The following provides information the various taxonomies for colon cancer.

C.3.1 IHS-BARIUM ENEMA

Patient Data Source:					
EN, PL, IN					
Code Sets:					
ICD9 RANGE		ICD0 RANGE		CPT RANGE	
LOW	HIGH	LOW	HIGH	LOW	HIGH
				74270	74280
				G0106	G0106
				G0120	G0120

Figure C- 3: IHS-BARIUM ENEMA

C.3.2 IHS-COLONOSCOPY 2007

Patient Data Source:					
EN, PL, IN					
Code Sets:					
ICD9 RANGE		ICD0 RANGE		CPT RANGE	
LOW	HIGH	LOW	HIGH	LOW	HIGH
		45.22	45.22	45355	45355
		45.23	45.23	45378	45387
		45.25	45.25	G0105	G0105
		76.51	76.51	G0121	G0121
				44388	44394
				44397	44397
				44394	44394
				45391	45391

Figure C- 4: IHS-COLONOSCOPY 2007

C.3.3 IHS-COLORECTAL CANCER

Patient Data Source:					
EN, PL					
ICD9 RANGE		ICD0 RANGE		CPT RANGE	
LOW	HIGH	LOW	HIGH	LOW	HIGH
-----	-----	-----	-----	-----	-----
153.0	153.9			44150	44153
154.0	154.1			44155	44156
197.5	197.5			44210	44212
V10.05	V10.05				

Figure C- 5: IHS-COLORECTAL CANCER

C.3.4 IHS-SIGMOIDOSCOPY

Patient Data Source:					
EN, PL, IN					
ICD9 RANGE		ICD0 RANGE		CPT RANGE	
LOW	HIGH	LOW	HIGH	LOW	HIGH
-----	-----	-----	-----	-----	-----
		45.24	45.24	45330	45345
		45.42	45.42	G0104	G010

Figure C- 6: IHS-SIGMOIDOSCOPY

C.3.5 IHS-DEPO PROVERA ADMINISTRATION

Patient Data Source:					
EN					
ICD9 RANGE		ICD0 RANGE		CPT RANGE	
LOW	HIGH	LOW	HIGH	LOW	HIGH

				J1055	J1055

Figure C- 7: IHS-DEPO PROVERA ADMINISTRATION

C.3.6 IHS-DIABETES DX 2007

Patient Data Source:					
EN,PL					
ICD9 RANGE		ICD0 RANGE		CPT RANGE	
LOW	HIGH	LOW	HIGH	LOW	HIGH
250.00	250.93				

Figure C- 8: IHS-DIABETES DX 2007

C.3.7 IHS-DIABETES PROBLEMS ONLY

Patient Data Source:					
PL					
ICD9 RANGE		ICD0 RANGE		CPT RANGE	
LOW	HIGH	LOW	HIGH	LOW	HIGH
250.00	250.93				

Figure C- 9: Diabetes Problems Only

C.3.8 IHS-DIABETIC NEPHROPATHY

Patient Data Source:					
EN,PL					
ICD9 RANGE		ICD0 RANGE		CPT RANGE	
LOW	HIGH	LOW	HIGH	LOW	HIGH
250.40	250.43				

Figure C- 10: Diabetic Nephropathy Codes

C.3.9 IHS-DIALYSIS

Patient Data Source:					
EN,PL					
ICD9 RANGE		ICD0 RANGE		CPT RANGE	
LOW	HIGH	LOW	HIGH	LOW	HIGH
V45.1	V45.12			90963	90966
				90967	90970

Figure C- 11: Dialysis Codes

C.3.10 IHS-FUNDOSCOPIC EYE CODES 2007

Patient Data Source:					
EN					
ICD9 RANGE		ICD0 RANGE		CPT RANGE	
LOW	HIGH	LOW	HIGH	LOW	HIGH
V72.0	V72.0			92012	92012
				92014	92015
				92002	92002
				92004	92004
				92250	92250
Figure 4.9 Fundoscopic Eye Codes					
22.1.15 IHS-HYPERTENSION 2007					
Patient Data Source:					
EN,PL					
ICD9 RANGE		ICD0 RANGE		CPT RANGE	
LOW	HIGH	LOW	HIGH	LOW	HIGH
401.0	405.99				

Figure C- 12: Hypertension Codes

C.3.11 IHS-HYSTERECTOMY 2009

Patient Data Source:					
EN,PL,IN					
ICD9 RANGE		ICD0 RANGE		CPT RANGE	
LOW	HIGH	LOW	HIGH	LOW	HIGH
		68.4	68.9	51925	51925
				56308	56308
				58150	58150
				58152	58152
				58200	58200
				58552	58554
				58953	58954
				59525	59525
				58951	58951
				58550	58550
				58205	58205
				58210	58210
				58240	58240
				58260	58260
				58262	58265

	58267	58267
	58270	58270
	58275	58275
	58280	58280
	58285	58285
	58290	58294
	58548	58548
	58570	58570
	59135	59135

Figure C- 13: Hysterectomy Codes

C.3.12 IHS-ISCHEMIC HEART DISEASE 2007

Patient Data Source:					
EN,PL					
ICD9 RANGE		ICD0 RANGE		CPT RANGE	
LOW	HIGH	LOW	HIGH	LOW	HIGH
410.0	412.				
414.0	414.9				
428.0	428.9				
429.2	429.2				

Figure C- 14: Ischemic Heart Disease Codes

C.3.13 IHS-OSTEOPOROSIS DX

Patient Data Source:					
EN,PL					
ICD9 RANGE		ICD0 RANGE		CPT RANGE	
LOW	HIGH	LOW	HIGH	LOW	HIGH
733.00	733.99				

Figure C- 15: Osteoporosis Codes

C.3.14 IHS-TB/POS PPD 2011

Patient Data Source:					
EN,PL					
ICD9 RANGE		ICD0 RANGE		CPT RANGE	
LOW	HIGH	LOW	HIGH	LOW	HIGH
010.00	018.90				
795.5	795.5				
795.51	795.51				
795.5	795.52				

Figure C- 16: Positive TB Codes

Appendix D: Reminder Terms

D.1 IHS-ACTIVITY LEVEL

```
CLASS: VISN
FINDING ITEM:
ACTIVE (FI(1)=HF(74))
INACTIVE (FI(2)=HF(72))
SOME ACTIVITY (FI(3)=HF(73))
VERY ACTIVE (FI(4)=HF(75))
```

Figure D- 1: Used in the IHS-ACTIVITY SCREEN 2011 reminder

D.2 IHS-ASTHMA CONTROL

```
CLASS: VISN
FINDING ITEM:
WELL CONTROLLED (FI(1)=ASM(1))
NOT WELL CONTROLLED (FI(2)=ASM(2))
VERY POORLY CONTROLLED (FI(3)=ASM(3))
```

Figure D- 2: Used in the IHS-ASTHMA CONTROL 2011 reminder

D.3 IHS-ACE/ARB

```
CLASS: VISN
DESCRIPTION: Groupings of ace/arb drugs
FINDING ITEM: CV800
FINDING ITEM: CV805
```

Figure D- 3: Used in the IHS-DIAB ACE/ARB 2011 reminder.

D.4 IHS-ASPIRIN

```
CLASS: VISN
FINDING ITEM: ASPIRIN
```

Figure D- 4: Used in the IHS-DIAB ANTIPLT KNOWN CVD 2011, IHS-DIAB ASPIRIN FEMALE 2011, IHS-DIAB ASPIRIN MALE 2011 reminders

D.5 IHS-CLOPIDOGREL

```
CLASS:VISN
FINDING ITEM: CLOPIDOGREL (FI(1)=DG(3467))
```

Figure D- 5: Used in the IHS-DIAB ANTIPLT KNOWN CVD 2011, IHS-DIAB ASPIRIN FEMALE 2011, IHS-DIAB ASPIRIN MALE 2011 reminders

D.6 23.6 IHS-DEPO PROVERA ORDERABLE ITEM

```
CLASS:VISN
FINDING ITEM: MEDROXYPROGESTERONE (FI(1)=DG(194))
```

Figure D- 6: Used in the IHS-DEPO PROVERA 2011 reminder

D.7 IHS-DTAP IMMUNIZATION

```
CLASS: VISN
DESCRIPTION: DTaP immunization from the immunization file
FINDING ITEM: DTAP
```

Figure D- 7: Used in the IHS-PED DTAP IMMUNE 2011 reminder.

D.8 IHS-DIAB NEPHROPATHY LABS

```
CLASS:VISN
FINDING ITEM:
```

Figure D- 8: Used in the IHS-DIAB ACE/ARB 2011 reminder

D.9 IHS-DM BLOOD PRESSURE

```
CLASS: VISN
NAME: IHS-DM BLOOD PRESSURE
FINDING ITEM: BP
CONDITION: I ($P(V, "/", 1)>129)!($P(V, "/", 2)>79)
```

Figure D- 9: Used in the IHS-DIAB BP CONTROL 2011 reminder

D.10 IHS-EGFR

```
CLASS: VISN
FINDING ITEM:
```

Figure D- 10: Used in the IHS-DIAB NEPHRO SCR/MON 2011 reminder.

D.11 IHS-EXERCISE EDUCATION

```
CLASS: VISN
FINDING ITEM: HPDP-EXERCISE
```

Figure D- 11: Used in the IHS-ACTIVITY SCREEN 2011 reminder

D.12 IHS-FECAL OCCULT BLOOD

```
CLASS: VISN
FINDING ITEM:
```

Figure D- 12: Information

D.13 IHS-HEPADULT IMMUNIZATION

```
CLASS: VISN
FINDING ITEM: HEP A, ADULT
```

Figure D- 13: Used in the IHS-HEP A ADULT IMMUN 2011 reminder

D.14 IHS-HEBADULT IMMUNIZATION

```
CLASS: VISN
FINDING ITEM: HEP B, ADULT
```

Figure D- 14: Used in the IHS-HEP B ADULT IMMUN 2011

D.15 IHS-HPV IMMUNIZATION

```
CLASS: LOCAL
FINDING ITEM: HPV QUADRIVALENT
FINDING ITEM: HPV, bivalent
```

Figure D- 15: Used in the IHS-HPV IMMUNIZATION 2011 reminder

D.16 IHS-HCT/HCB

```
CLASS: VISN
FINDING ITEM:
```

Figure D- 16: Used in the IHS-HCG/HCT 2011 reminder

D.17 IHS-HEPA IMMUNIZATION

```
CLASS: VISN
FINDING ITEM: HEP A, PED/ADOL, 2 DOSE
FINDING ITEM: HEP A, PEDIATRIC, NOS
CLASS: VISN
```

Figure D- 17: Used in the IHS-PED HEPA IMMUNE 2011 reminder

D.18 IHS-HEPB IMMUNIZATION

```
CLASS: VISN
DESCRIPTION: Hep B vaccine from immunization file
```

```
FINDING ITEM: HEP B, ADOLESCENT OR PEDIATRIC
```

Figure D- 18: Used in the IHS-PED HEPB IMMUNE 2011 reminder

D.19 19IHS-HGBA1C

```
CLASS: VISN
DESCRIPTION: The lab tests at a site that are the hemoglobin A1c test
FINDING ITEM:
```

Figure D- 19: Used in the IHS-DIAB HGBA1C 2011, IHS-DIAB HGBA1C CONTROL 2011 reminders

D.20 IHS-HGBA1C REEVALUATE

```
CLASS: VISN
FINDING ITEM: HEMOGLOBIN A1C (FI(1)=LT(97))
CONDITION: I V>6.9
Condition: Enter the threshold for every lab added. By default the threshold is set to 6.9. I V>6.9 will make the reminder due every 3 months if the HEMOGLOBIN A1C is above 6.9.
```

Figure D- 20: Used in the IHS-DIAB HGBA1C CONTROL 2011 reminder

D.21 IHS-HIBTITER IMMUNIZATION

```
CLASS: VISN
DESCRIPTION: Hibtiter from the vaccination file
FINDING ITEM: HIB (HBOC)
FINDING ITEM: HIB, NOS
```

Figure D- 21: Used in the IHS-PED HIBTITER IMMUNE 2011 reminder

D.22 IHS-HIGH DIASTOLIC

```
CLASS: LOCAL
FINDING ITEM: BP
EFFECTIVE PERIOD: 1Y
CONDITION: I ($P(V,"/",2)>84)&($P(V,"/",2)<90)
```

Figure D- 22: Used in the IHS-BLOOD PRESSURE 2011 reminder

D.23 IHS-HIGH BP 2007

```
NAME: IHS-HIGH BP 2007
FINDING ITEM: BP
CONDITION: I ($P(V,"/",1)>139)!($P(V,"/",2)>89)
```

Figure D- 23: Used in the IHS-BLOOD PRESSURE 2011 reminder

D.24 IHS-INFLUENZA 2011

```

CLASS: LOCAL
FINDING ITEM: INFLUENZA, NOS
FINDING ITEM: INFLUENZA, SPLIT [TIVhx] (INCL PURIFIED)
FINDING ITEM: INFLUENZA, INTRANASAL
FINDING ITEM: INFLUENZA, WHOLE
FINDING ITEM: INFLUENZA [TIV], SEASONAL, INJ
FINDING ITEM: INFLUENZA [TIVpf], SEASONAL INJ, P FREE
FINDING ITEM: INFLUENZA, HIGH DOSE SEASONAL

```

Figure D- 24: Used in the IHS-INFLUENZA IMMUNIZATION 2011 reminder

D.25 IHS-LIPID LAB TESTS

```

CLASS: VISN
FINDING ITEM:

```

Figure D- 25: Used in the IHS-LIPID FEMALE 2011 and IHS-LIPID MALE 2011 reminders

D.26 IHS-MENINGITIS IMMUNE

```

CLASS: VISN
FINDING ITEM: MENINGOCOCCAL, NOS
FINDING ITEM: MENINGOCOCCAL C CONJUGATE
FINDING ITEM: MENINGOCOCCAL
FINDING ITEM: MENINGOCOCCAL A,C,Y,W-135 DIPHTHERIA CONJ

```

Figure D- 26: Used in the IHS-MENINGITIS IMMUNIZATION 2011 reminder

D.27 IHS-MMR IMMUNIZATOIN

```

CLASS: VISN
DESCRIPTION: MMR vaccinations from the immunization file
FINDING ITEM: MMR

```

Figure D- 27: Used in the IHS-PED MMR IMMUNE 2011 reminder

D.28 IHS-PED PNEUMOVAX IMMUNIZATION

```

CLASS: LOCAL
FINDING ITEM: Pneumococcal, PCV-7
FINDING ITEM: Pneumococcal, PCV-13

```

Figure D- 28: Used in the IHS-PED PNEUMOCOCCAL IMMUN 2011 reminder

D.29 IHS-PED TD IMMUNIZATION

```
CLASS: LOCAL
NAME: IHS-PED TD IMMUNIZATION
FINDING ITEM: DT (PEDIATRIC)
```

Figure D- 29: Used in the IHS-PED DT IMMUNIZATION 2011 reminder

D.30 HS-PEDVAXHIB IMMUNIZATION

```
CLASS: VISN
FINDING ITEM: HIB (PRP-OMP)
FINDING ITEM: HIB, NOS
```

Figure D- 30: Used in the IHS-PED PEDVAXHIB IMMUN 2011 reminder

D.31 IHS-PNEUMOVAX IMMUNIZATION

```
CLASS: VISN
FINDING ITEM: PNEUMOCOCCAL
```

Figure D- 31: Used in the IHS-PNEUMOVAX IMMUN 2011 reminder

D.32 IHS-POLIO IMMUNIZATION

```
CLASS: LOCAL
NAME: IHS-POLIO IMMUNIZATION
FINDING ITEM: IPV
```

Figure D- 32: Used in the IHS-PED POLIO IMMUN 2011 reminder

D.33 IHS-ROTAVIRUS IMMUNIZATION

```
CLASS: LOCAL
NAME: IHS-ROTAVIRUS IMMUNIZATION          DATE CREATED: DEC 07, 2007
FINDING ITEM: ROTAVIRUS TETRAVALENT
FINDING ITEM: ROTAVIRUS, MONOVALENT
FINDING ITEM: ROTAVIRUS, NOS
FINDING ITEM: ROTAVIRUS, PENTAVALENT
```

Figure D- 33: Used in the IHS-PED ROTAVIRUS 2011 immunization reminder

D.34 IHS-RUBELLA IMMUNIZATION

```
CLASS: VISN
FINDING ITEM:: RUBELLA (FI(1)=IM(114))
```

Figure D- 34: Used in the IHS-RUBELLA 2011 reminder

D.35 IHS-TD IMMUNIZATION

```
CLASS: VISN
NAME: IHS-TD IMMUNIZATION
FINDING ITEM: TD (ADULT)
```

Figure D- 35: Used in the IHS-TD IMMUNIZATION 2011 reminder

D.36 IHS-TDAP IMMUN

```
CLASS: VISN
NAME: IHS-TDAP IMMUNE
FINDING ITEM: Tdap
```

Figure D- 36: Used in the IHS TDAP IMMUNE 2011 reminder

D.37 IHS-URINE ALBUMIN

```
CLASS: VISN
FINDING ITEM:
```

Figure D- 37: Used in the IHS-DIAB NEPHRO SCR/MON 2011 reminder

D.38 IHS-VARICELLA IMMUNIZATION

```
CLASS: VISN
DESCRIPTION: Varicella immunization terms from the immunization file
FINDING ITEM: VARICELLA
```

Figure D- 38: Used in the IHS-PED VARICELLA IMMUNE 2011 reminder

D.39 IHS-ZOSTER IMMUNIZATION

```
CLASS: VISN
FINDING ITEM: ZOSTER (FI(1)=IM(227))
```

Figure D- 39: Used in the IHS-ZOSTER IMMUN 2011 reminder

Appendix E: Reminders Using Computed Findings

Reminders use computed findings to return the following types of data from RPMS:

- Health Maintenance Reminders
- Best Practice Prompts
- Immunization Forecast
- Special cases

E.1 Reminders Using Health Maintenance Reminder Computed Finding

The computed findings from these reminders will return the finding from Health Maintenance Reminders resolution – see Chapter 4 for resolution logic. The cohort and the frequency are configured within the EHR Reminder.

IHS-ALCOHOL SCREEN 2012
IHS-CHLAMYDIA SCREEN 2011
IHS-DENTAL VISIT 2011
IHS-DEPRESSION SCREENING 2011
IHS-DIABETES SCREENING 2011
IHS-DOMESTIC VIOLENCE 2012
IHS-EPSDT SCREENING 2012
IHS-FALL RISK SCREEN 2011
IHS-FUNCTIONAL ASSESSMENT 2011
IHS-HEAD CIRCUMFERENCE 2012
IHS-HIV SCREEN 2012
IHS-MAMMOGRAM 2011
IHS-NEWBORN HEARING 2011
IHS-NUTRITIONAL SCREENING 2012
IHS-OSTEOPOROSIS SCREENING 2011
IHS-PAP SMEAR 2011
IHS-SENIOR VISION 2011
IHS-TOBACCO SCREEN 2011

E.2 Reminders Using PCC Best Practice Prompt Computed Finding

The computed findings from these reminders will return whether the Best Practice Prompt for the patient is active. If it is active, the reminder is due. See Chapter 4 for resolution logic. The cohort and the frequency are configured within the EHR Reminder.

IHS-ANTICOAG CBC 2011
IHS-ANTICOAG DURATION OF TX 2011
IHS-ANTICOAG INR GOAL 2011
IHS-ANTICOAG OCCULT BLOOD 2011
IHS-ANTICOAG THERAPY END DATE 2011
IHS-ANTICOAG UA 2011
IHS-ASTHMA CONTROL 2011
IHS-ASTHMA ACTION PLAN 2012
IHS-ASTHMA PRIM PROV 2012
IHS-ASTHMA RISK EXACERBATION 2011
IHS-ASTHMA SEVERITY 2012
IHS-ASTHMA STEROID 2012

E.3 Reminders Using Immunization Forecast Computed Finding

The computed findings from these reminders return whether an immunization is due or not due. They are used in resolution logic to resolve reminder.

IHS-HEP A ADULT IMMUN 2012
IHS-HEP B ADULT IMMUN 2012
IHS-HPV IMMUN 2012
IHS-INFLUENZA IMMUN 2012
IHS-MENINGITIS IMMUN 2012
IHS-PED DT IMMUN 2012
IHS-PED DTAP IMMUN 2012
IHS-PED FLU IMMUN 2012
IHS-PED HEPA IMMUN 2012
IHS-PED HEPB IMMUN 2012
IHS-PED HIBTITER IMMUN 2012
IHS-PED MMR IMMUN 2012
IHS-PED PEDVAXHIB IMMUN 2012
IHS-PED PNEUMOCOCCAL IMMUN 2012
IHS-PED POLIO IMMUN 2012
IHS-PED ROTAVIRUS IMMUN 2012
IHS-PED VARICELLA IMMUN 2012
IHS-PNEUMOVAX IMMUN 2012
IHS-TD IMMUN 2012
IHS-TDAP IMMUN 2012
IHS-ZOSTER IMMUN 2012

E.4 Reminders Using Special Case Computed Findings

IHS-IMMUNIZATION FORECASTER 2011
IHS-CVD2011

IHS-ALLERGY 2012

IHS-CVD 2011 Reminder: Uses a computed finding to return the CVD iCare tag. If the patient has an iCare CVD diagnostic tag, the reminder is applicable and due. If not it is not applicable. This reminder does not resolve (It will never be blue).

IHS-Allergy 2012 Reminder: is applicable and due if no allergy assessment has ever been done. Removed from cohort once an allergy assessment or no known allergies is documented in the allergy/adverse reaction component. This reminder does not resolve (it will never be blue).

IHS-Immunization forecaster 2011 Reminder: is a placeholder. It is always applicable and never due.

E.5 Computed Findings Entry Points

Name	Routine	Entry Points
IHS-ALCOHOL 2009	BPXRMPCC	ALCOHOL
IHS-ALLERGY ASPIRIN 2009	BPXRMALL	ALLASP
IHS-ALLERGY ACE/ARBS	BPXRMAL1	AAREM
IHS-ALLERGY EGG	BPXRMALL	ALLEGG
IHS-ALLERGY PLAVIX	BPXRMALL	ALLCLOP
IHS-ANTICOAG CBC	BPXRMTP	AACPT
IHS-ANTICOAG END	BPXRMTP	INREND
IHS-ANTICOAG FOBT	BPXRMTP	ACFOBT
IHS-ANTICOAG URINE	BPXRMTP	ACURIN
IHS-ASTHMA CONTROL	BPXRMASM	CONTROL
IHS-ASTHMA EXACERBATION	BPXRMASM	RISK
IHS-ASTHMA PLAN	BPXRMASM	PLAN
IHS-ASTHMA PRIMARY	BXPRMASM	PRIMARY
IHS-ASTHMA SEVERITY	BPXRMASM	SEVERITY
IHS-ASTHMA STEROIDS	BPXRMASM	STEROID
IHS-BLOOD PRESSURE 2011	BPXRMPCC	DENTAL
IHS-CHLAMYDIA	BPXRMP1	CHYLAMYDI
IHS-CVD RISK	BPXRMTP	CVD
IHS-DENTAL 2009	BPXRMPCC	DENTAL
IHS-DEPRESSION 2009	BPXRMPCC	DEPRESS
IHS-DIAB ASPIRIN 2009	BPXRMALL	ALLASP

Name	Routine	Entry Points
IHS-DIABETES 2009	BPXMRPCC	DIABETES
IHS-DTAP	BPXRMMM	DTAP
IHS-EPDST 2009	BPXRMPCC	EPSDT
IHS-FALL RISK	BPXRMPCC1	FALL
IHS-FLU	BPXRMIM1	FLU
IHS-FUNCTION 2009	BPXRMPCC	FUNCTION
IHS-HEARING 2009	BPXMRPCC	HEAR
IHS-HEPA	BPXRMIM1	HEPA
IHS-HEPA ADULT	BPXRMIM1	HEPADULT
IHS-HEPB	BPXRMIM1	HEPB
IHS-HEPB ADULT	BPXRMIM1	HEPBADULT
IHS-HIB	BPXRMIMM	HIB
IHS-HIV	BPXRMPCC1	HIV
IHS-HPV	BPXRMIM3	HPV
IHS-INR DURATION	BPXRMTP	INRDUR
IHS-INR GOAL	BPXRMTP	INRGOAL
IHS-IPVS 2009	BPXRMPCC	IPVS
IHS-MAMMOGRAM 2009	BPXRMPCC	MAMMO
IHS-MENINGITIS	BPXRMIM1	MENING
IHS-MMR	BPXRMIMM	MMR
IHS-NEWBORN HEARING	BPXRMPCC1	NBHS
IHS-NUTRITION	BPXRMPCC1	NUTR
IHS-OSTEO 2009	BPXRMPCC	OSTEO
IHS-PAP 2009	BPXRMPCC	PAP
IHS-PEDVAXHIB	BPXRMIMM	PEDIAVAC
IHS-PNEUMO	BPXRMIM1	PNEUMO
IHS-PNEUPED	BPXRMIM1	PNEUPED
IHS-POLIO	BPXRMIMM	POLIO
IHS-ROTA	BPXRMIM3	ROTA
IHS-RUBELLA	BPXRMPCC1	RUB
IHS-TD	BPXRMIM1	TD
IHS-TDAP	BPXRMIM1	TDAP
IHS-TDPEDS	BPXRMIM1	TDPED
IHS-TOBACCO 2009	BPXRMPCC	TOBACCO
IHS-VARICELLA	BPXRMIMM	VARI
IHS-VISION 2009	BPXRMPCC	VISION

Name	Routine	Entry Points
IHS-WARFARIN PT	BPXRMTTP	WAR
IHS-ZOSTER	BPXRMIM3	ZOSTER

Appendix F: Reminder Parameter Summary

This section describes the locations of the menu options that are used when configuring reminders. Reminders maybe configured in three different menu options:

- REM Reminder Managers Menu ... [PXRM MANAGERS MENU]
- CP CPRS Reminder Configuration [PXRM CPRS CONFIGURATION]
- XX General Parameter Tools ... [XPAR MENU TOOLS]

This table describes the menu paths for each parameter

Name	RPMS-EHR Master menu	CPRS config menu	XX menu	What does it do?
Reminder GUI Resolution Active	REM PAR ACT	RA	PXRM GUI REMINDERS ACTIVE	Activates reminder system in EHR
Add/Edit Reminder Categories	REM PAR CAT	CA		Creates a folder with selected reminders to hang under "other"
Allow EHR Configuration in GUI	REM PAR CFG		PXRM EHR CONFIGURATION	Gives permission to use GUI configuration dialog. Restrict to user or CAC user class
EHR Cover Sheet Reminder List	REM PAR CVR	CS	ORQQPX SEARCH ITEMS	The "old" way of setting up GUI view. Must set prior to activation and before setting new parameter
EHR Lookup Categories	REM PAR LKP	CL	PXRM CPRS LOOKUP CATEGORIES	Sets up the categories (folders) under "other" in GUI
Default Outside Location	REM PAR LOC	OL	ORQQPX DEFAULT LOCATIONS	Can set defaults for the PXRM OUTSIDE LOCATION prompt used in dialogs
New Reminder Parameters	REM PAR NEW	NP	ORQQPX NEW REMINDER PARAMS	After reminders are activated, set NEW so EHR displays configuration done on GUI set up instead of Cover Sheet reminder list
Progress Note Headers	REM PAR PNH	PN	PXRM PROGRESS NOTE HEADERS	Can change the text in progress note. Delivered as "Clinical reminder activity"

Name	RPMS-EHR Master menu	CPRS config menu	XX menu	What does it do?
Position Reminder Text at Cursor	REM PAR POS	PT	ORQQPX REMINDER TEXT AT CURSOR	Puts reminder text at cursor rather than bottom of note
New Cover Sheet Reminders Parameter			ORQQPX COVER SHEET REMINDERS	This just lists an RPMS view of what is configured from the GUI dialog. You will not alter this parameter from the RPMS side.
			ORQQPX REMINDER FOLDERS	This will tell you what folders your users have set for view DANEO: Due, Applicable, Not Applicable, All Evaluated, Other
Reminder Dialogs Allowed as Templates	TIU PAR REM		TIU TEMPLATE REMINDER DIALOGS	Once set, will allow dialog to be used in TIU template editor to create a reminder dialog template

Contact Information

If you have any questions or comments regarding this distribution, please contact the OIT Help Desk (IHS).

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