Clinical (EHR) Reminders – More than just a memory jogger

RPMS-EHR

Electronic Health Record

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Session Objectives

At the end of this session, participants should be able to:

- Understand the basic end user functionality of Clinical Reminders

What are Clinical (EHR) Reminders?

- “The Clinical Reminders system allows caregivers to track and improve preventive healthcare and disease treatment for patients and to ensure that timely clinical interventions are initiated.” (VA Vista Website)
- Interactive decision support tools that can provide patient-specific screening or treatment recommendations on the basis of the most recent available data within the RPMS (Information Technology as a Tool to Improve the Quality of American Indian Health Care. Thomas D. Sequist, MD MPH, Theresa Cullen, MD, MS and John Z. Ayanian, MD, MPP).

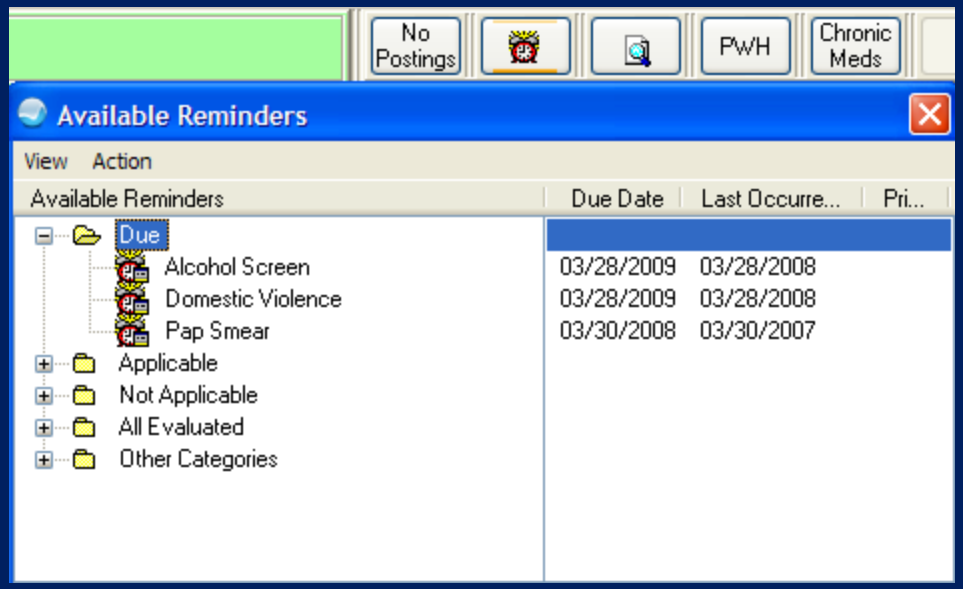
Simple terms:

Clinical Reminders chart reviews for you and tells you what the patient needs

Where are Clinical (EHR) Reminders?

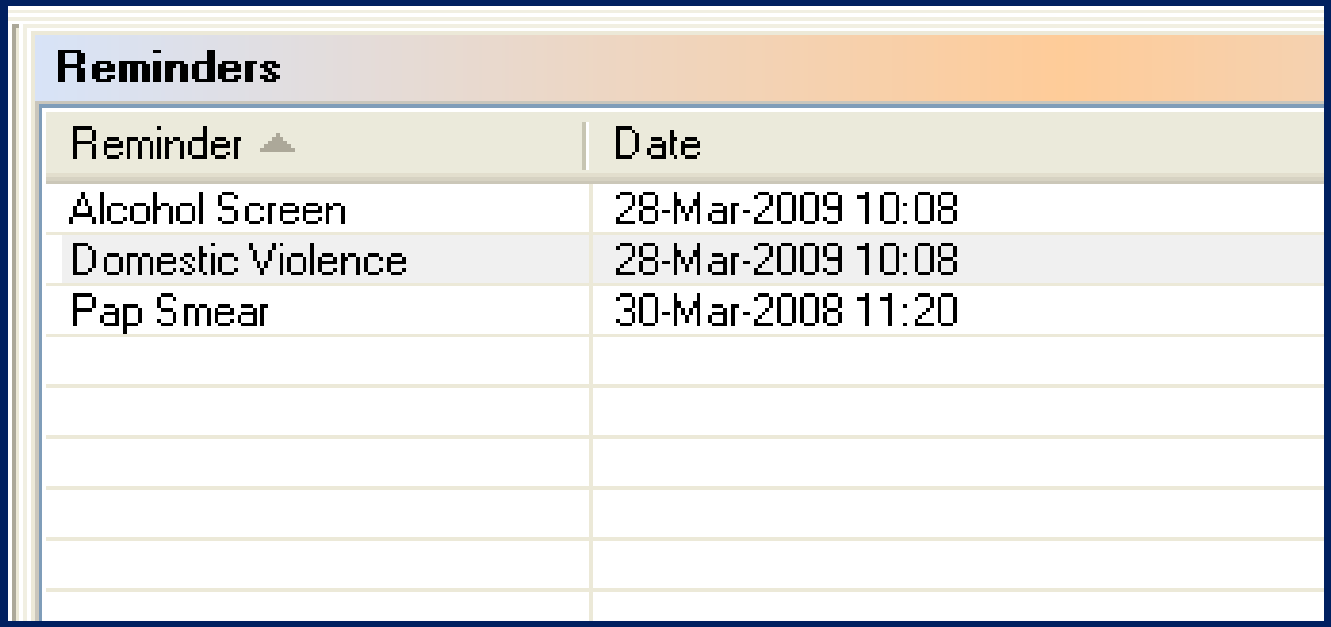
- They are visible from 4 places in HER:

  1- “Alarm clock” icon on the toolbar

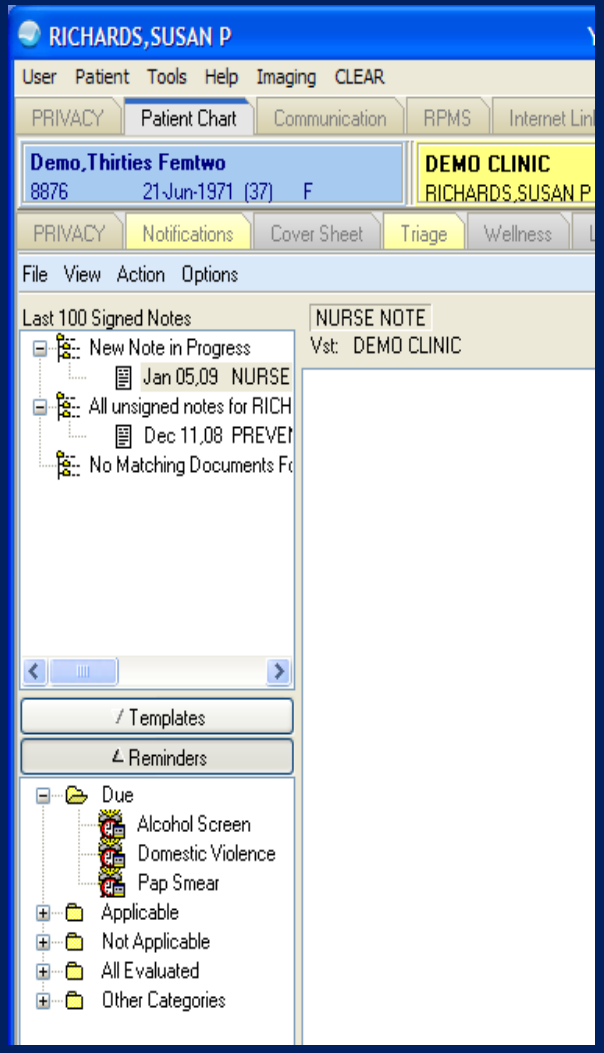


Where are Clinical (EHR) Reminders?

2- Reminders list on the Cover Sheet display DUE reminders



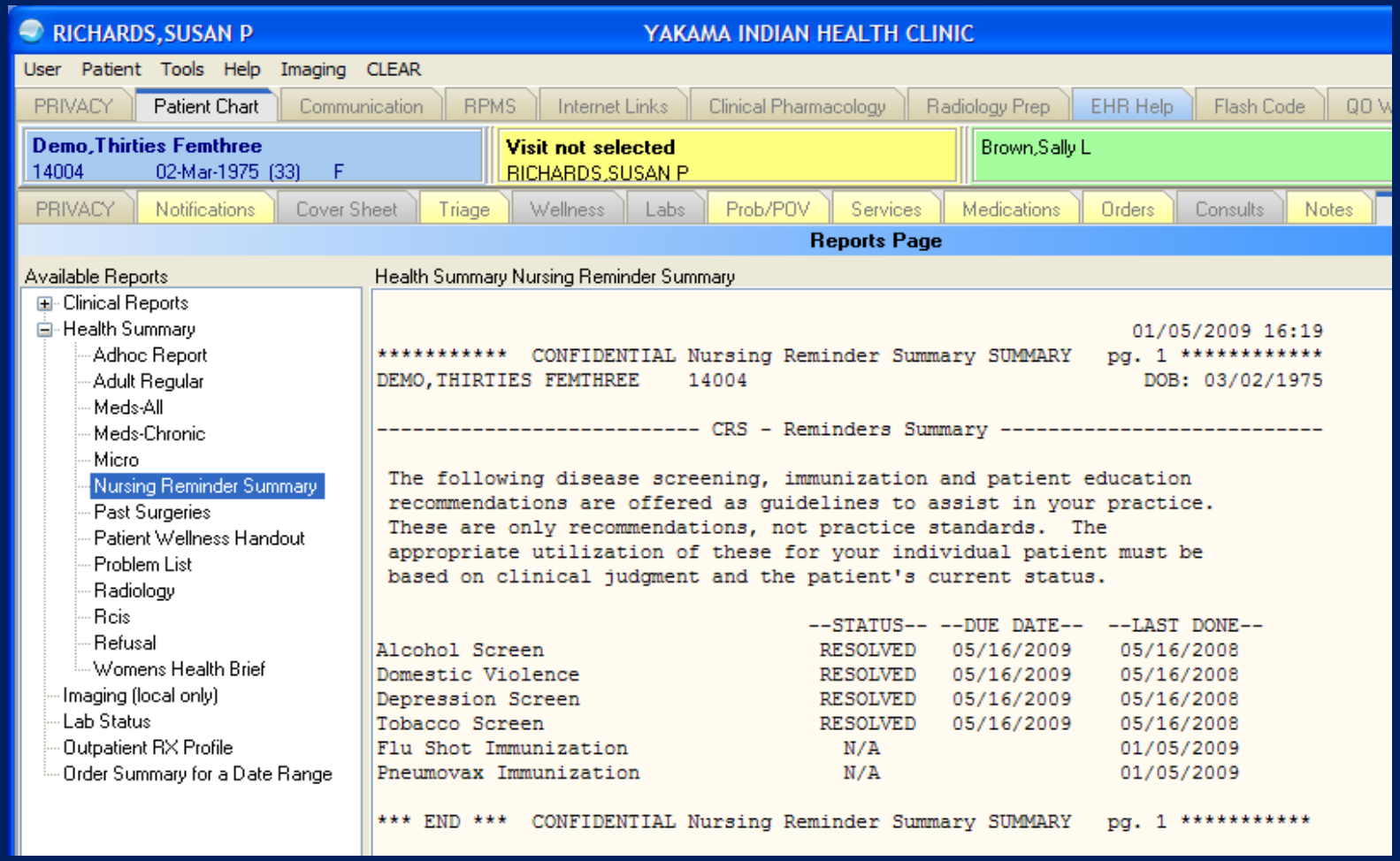
Where are Clinical (EHR) Reminders?



3-“Reminders drawer” on the Notes tab

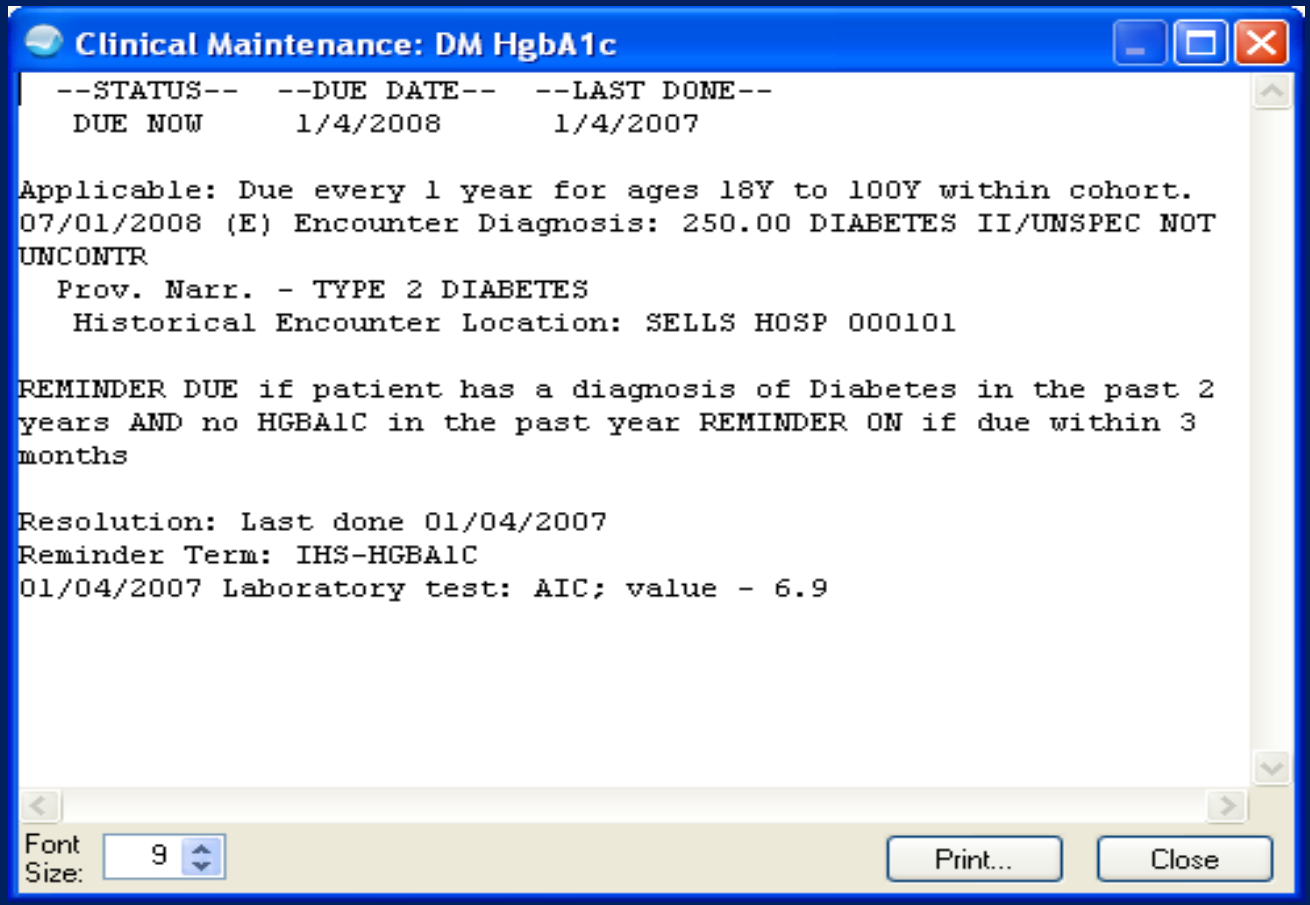
Where are Clinical (EHR) Reminders?

Reports tab (requires configuration):



Where are Clinical (EHR) Reminders?

Details are available by right-clicking on a reminder



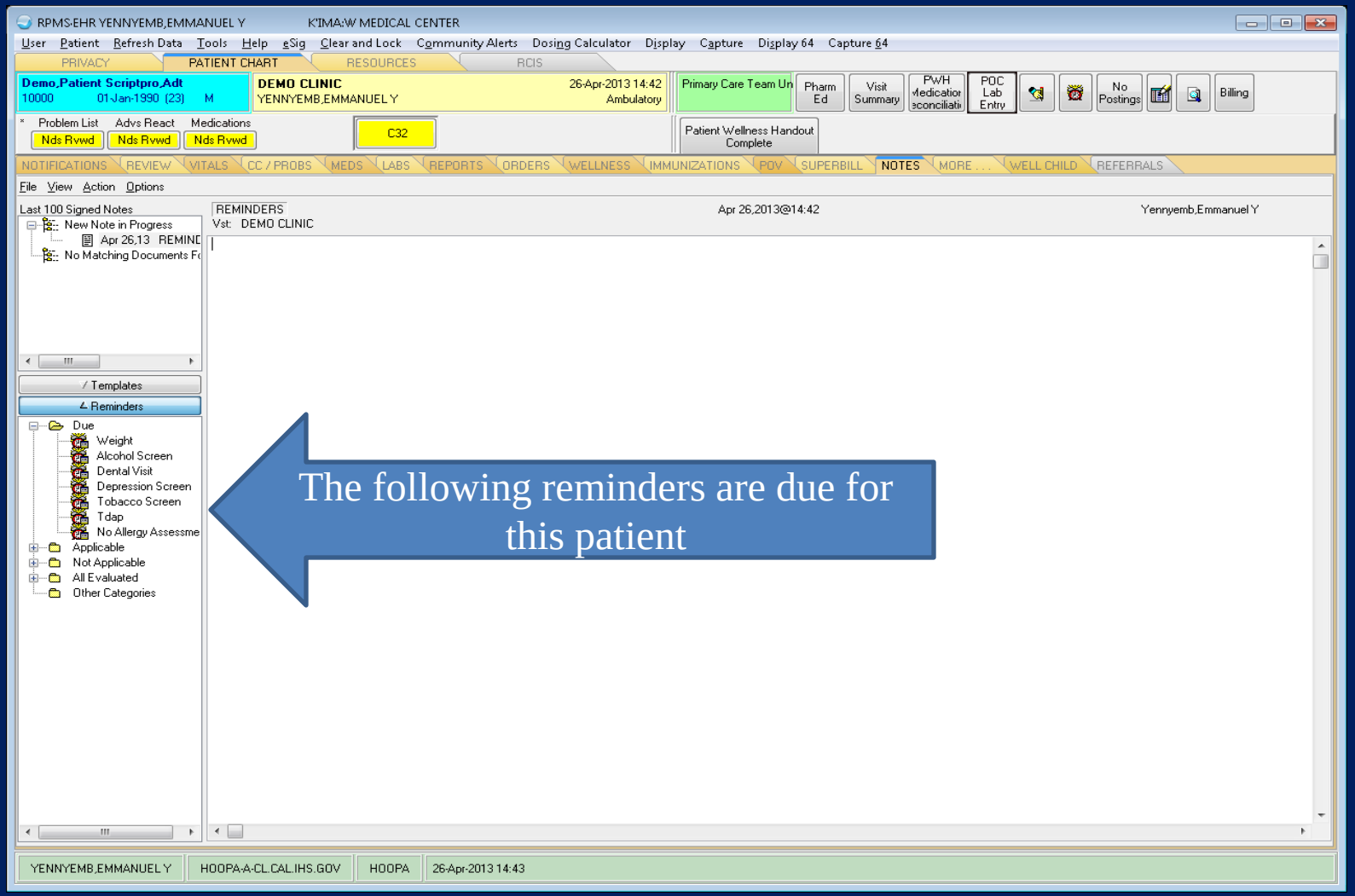
What are Clinical Reminder Dialogs?

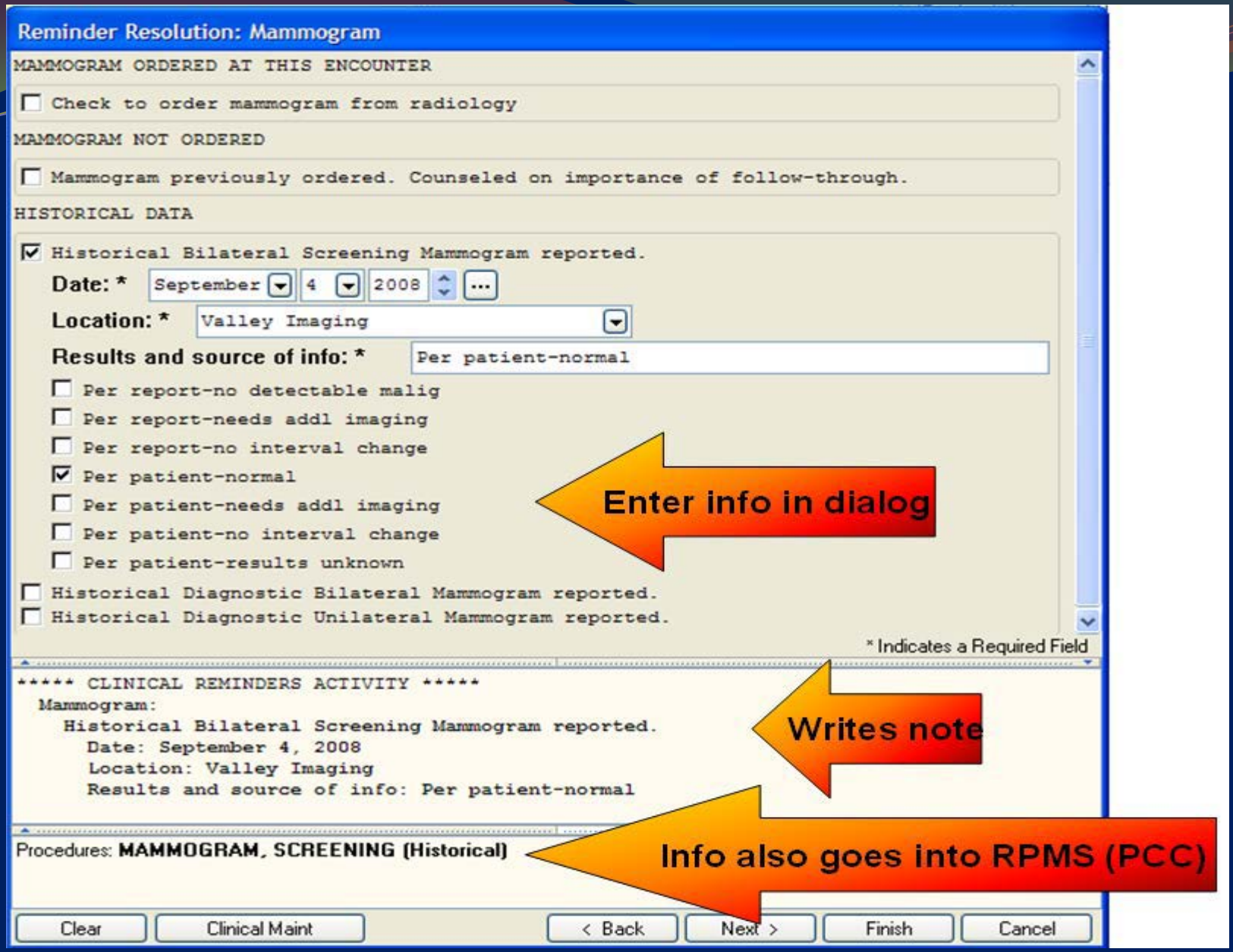
- Clinical Reminder Dialogs facilitate documentation
  - Looks like a Template
    - Resolves the reminder (enters info into EHR/PCC)
    - Creates the note

… all at the same time!!!

- Generates order
  - Meds
  - Labs
  - Consults
- Supports treatment algorithms

Hands-on


RPMS:EHR YENNYEMB,EMMANUEL Y
K'IMA:W MEDICAL CENTER
User Patient Refresh Data Tools Help eSig Clear and Lock Community Alerts Dosing Calculator Display Capture Display 64 Capture 64
PRIVACY
PATIENT CHART
RESOURCES
RCIS
Demo,Patient Scriptpro,Adt
10000 01-Jan-1990 (23) M
DEMO CLINIC
YENNYEMB,EMMANUEL Y
26-Apr-2013 14:42
Ambulatory
Primary Care Team Un
Pharm Ed
Visit Summary
PWH Medication Reconciliatio
POC Lab Entry
No Postings
Billing
Problem List
Advs React
Medications
Nds Rvwd
Nds Rvwd
Nds Rvwd
C32
Patient Wellness Handout Complete
NOTIFICATIONS REVIEW VITALS CC / PROBS MEDS LABS REPORTS ORDERS WELLNESS IMMUNIZATIONS POV SUPERBILL NOTES MORE . . . WELL CHILD REFERRALS
File View Action Options
Last 100 Signed Notes
New Note in Progress
Apr 26,13 REMIND
No Matching Documents F
REMINDERS
Apr 26,2013@14:42
Yennyemb,Emmanuel Y
Vst: DEMO CLINIC
Templates
Reminders
Due
Weight
Alcohol Screen
Dental Visit
Depression Screen
Tobacco Screen
Tdap
No Allergy Assessme
Applicable
Not Applicable
All Evaluated
Other Categories
The following reminders are due for this patient
YENNYEMB,EMMANUEL Y
HOOPA-A-CL.CAL.IHS.GOV
HOOPA
26-Apr-2013 14:43


Reminder Resolution: Mammogram
MAMMOGRAM ORDERED AT THIS ENCOUNTER
Check to order mammogram from radiology
MAMMOGRAM NOT ORDERED
Mammogram previously ordered. Counseled on importance of follow-through.
HISTORICAL DATA
Historical Bilateral Screening Mammogram reported.
Date: * September 4 2008
Location: * Valley Imaging
Results and source of info: * Per patient-normal
Per report-no detectable malig
Per report-needs addl imaging
Per report-no interval change
Per patient-normal
Per patient-needs addl imaging
Per patient-no interval change
Per patient-results unknown
Historical Diagnostic Bilateral Mammogram reported.
Historical Diagnostic Unilateral Mammogram reported.
* Indicates a Required Field
Enter info in dialog
***** CLINICAL REMINDERS ACTIVITY *****
Mammogram:
Historical Bilateral Screening Mammogram reported.
Date: September 4, 2008
Location: Valley Imaging
Results and source of info: Per patient-normal
Writes note
Procedures: MAMMOGRAM, SCREENING (Historical)
Info also goes into RPMS (PCC)
Clear
Clinical Maint
< Back
Next >
Finish
Cancel

Why do we need reminder systems?

- Improve preventive health care tracking
- Improve disease treatment monitoring
- Assist in clinical guideline implementation
- Improve patient safety
- Improve capture of GPRA and other reporting measure data (MU/IPC/)

Why can’t we just use the Health Summary reminder system with EHR?

- The Health Summary reminder system *is not highly visible in EHR*
- The Health Summary reminder system *does not have a documentation tool for EHR*
  - *No longer using PCC+*

Do we need Clinical (EHR) Reminders?

YES…

Clinical (EHR) Reminders restores:

- A visible reminder system
- A streamlined documentation tool

Clinical (EHR) Reminders additionally delivers:

- Locally configurable tools to solve local problems
- Reports tool to extract real time data on specific reminder

Types of Clinical (EHR) Reminders

- National Reminders
  - Delivered to all sites
  - Based on same logic as Health Maintenance reminders
  - Many have associated ‘dialogs’ for data entry/note generation
- Local Reminders
  - Written at a local site to solve a particular clinical problem
  - Can be shared between sites
  - Dialogs can also be shared
- Reminder Reports
  - Can quickly extract data by provider
  - Very helpful for local reminders in identifying and tracking site specific issues

A little “Reminders” lingo…

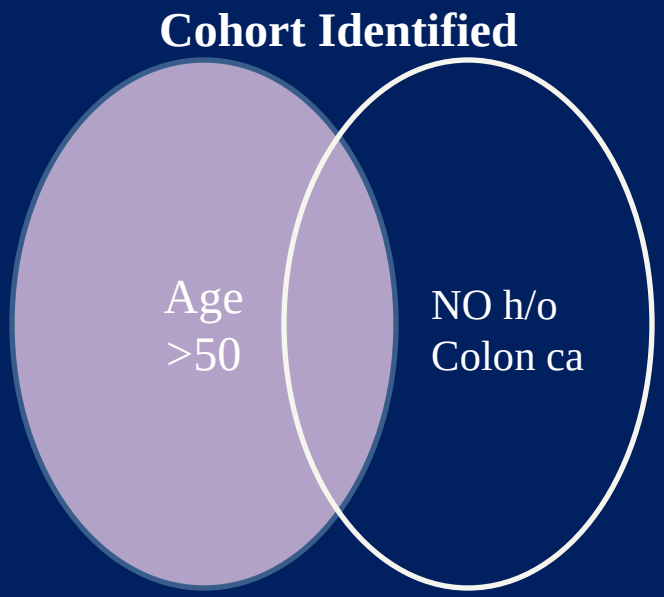
Finding

- A FINDING is a piece of information that the reminder searches for in the computer
- FINDINGS are used to determine:
  - Who needs an intervention (cohort)
  - What resolves the reminder

Findings include individual or groups of Labs, Pt Ed Topics, Taxonomies of codes (ICD9, ICD0, CPT), Exam, Measurements, Health Factors, Medications…

Applicable

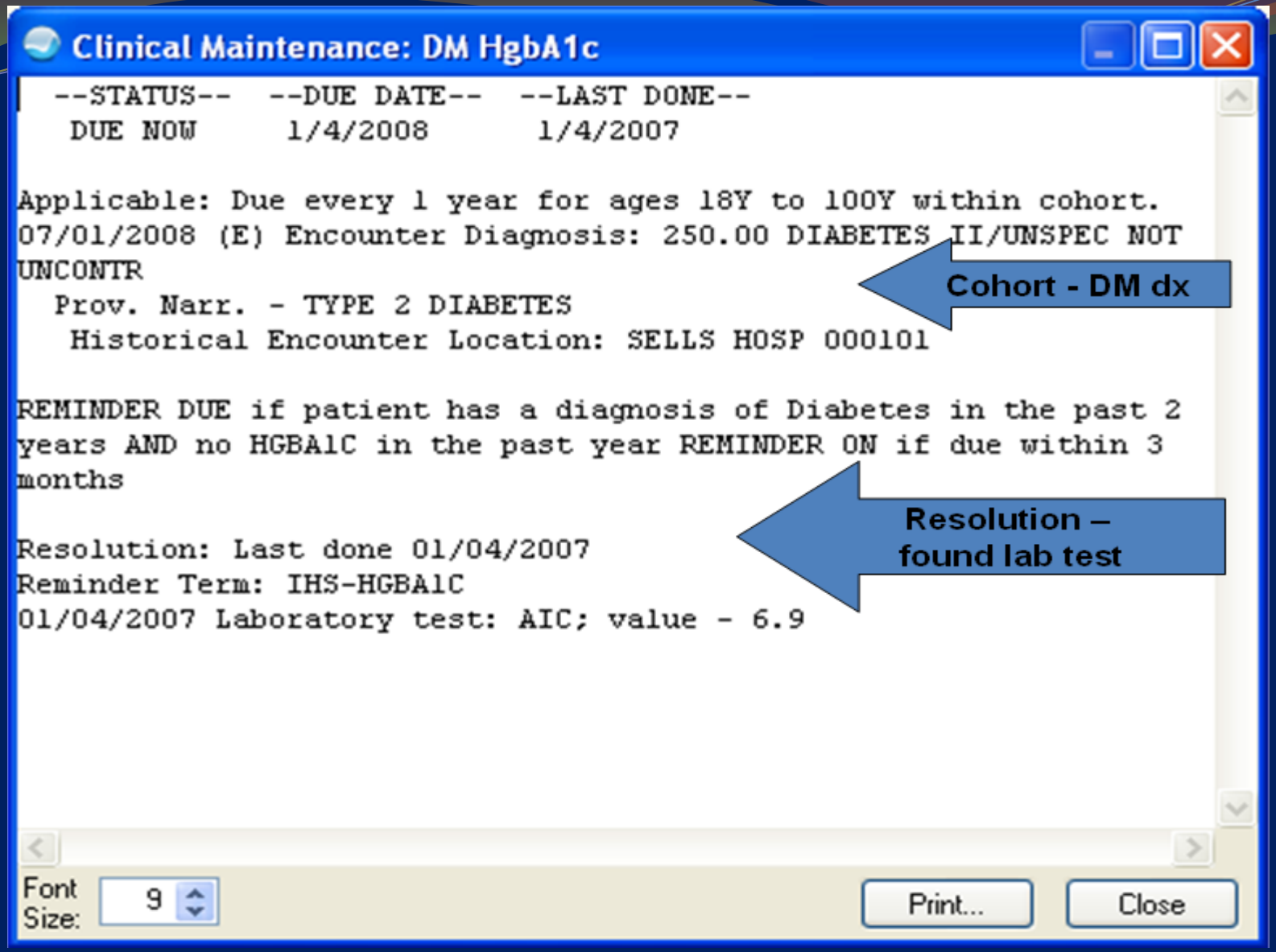
- The *Cohort is the "who needs the intervention"*
- A reminder is APPLICABLE to a patient if they are in the cohort



Resolution

- What will turn this reminder OFF?
  - DM HgbA1C
    - Lab test
  - DM ACE/ARB
    - Current & filled rx for ACEI or ARB

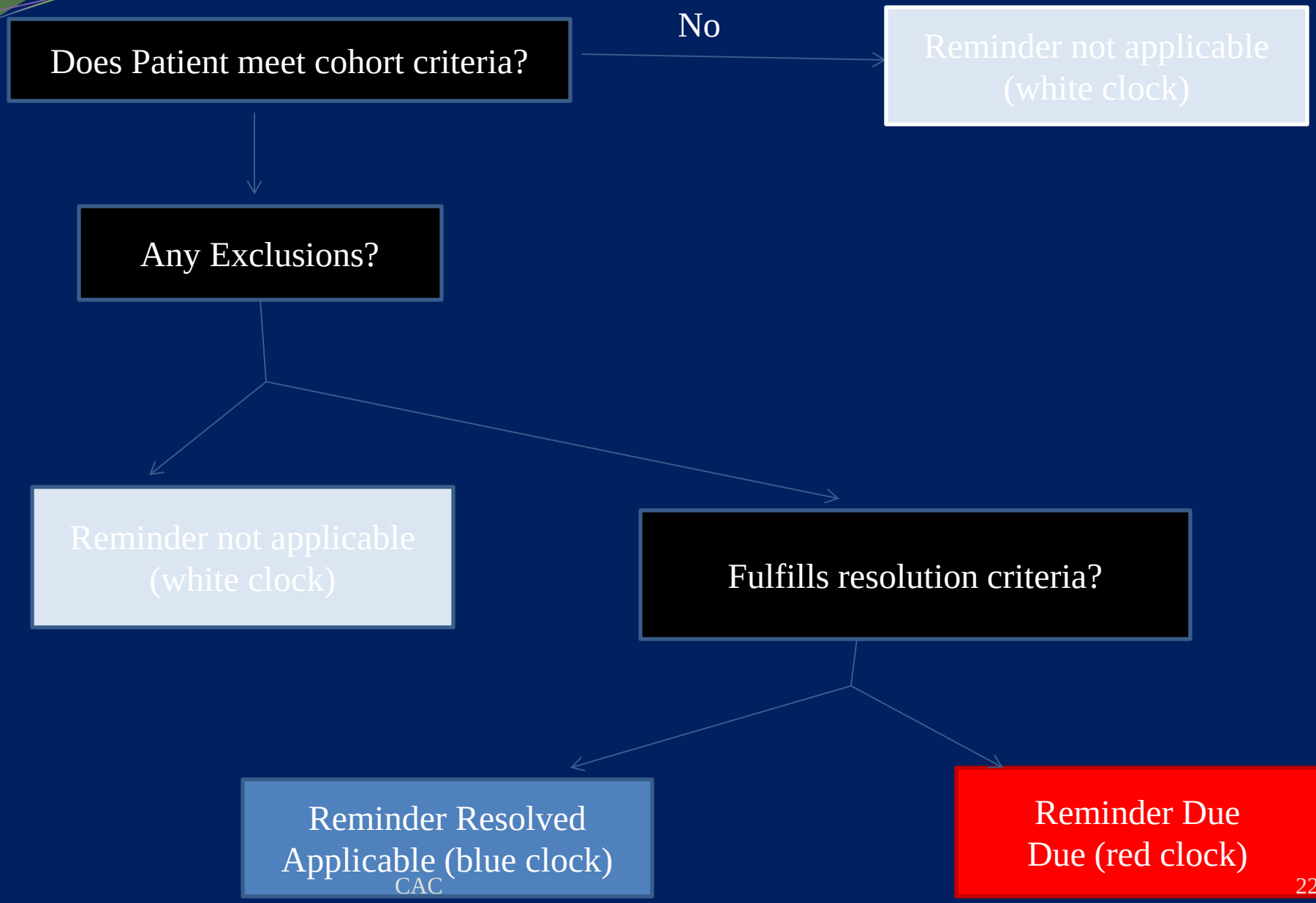
•A reminder is considered RESOLVED if the intervention (finding) defined by the reminder has been met/found


Clinical Maintenance: DM HgbA1c
--STATUS-- --DUE DATE-- --LAST DONE--
DUE NOW 1/4/2008 1/4/2007
Applicable: Due every 1 year for ages 18Y to 100Y within cohort.
07/01/2008 (E) Encounter Diagnosis: 250.00 DIABETES II/UNSPEC NOT UNCONTR
Prov. Narr. - TYPE 2 DIABETES
Historical Encounter Location: SELLS HOSP 000101
REMINDER DUE if patient has a diagnosis of Diabetes in the past 2 years AND no HGBA1C in the past year REMINDER ON if due within 3 months
Resolution: Last done 01/04/2007
Reminder Term: IHS-HGBA1C
01/04/2007 Laboratory test: AIC; value - 6.9
Cohort - DM dx
Resolution – found lab test
Font Size:
9
Print...
Close

Due

- A reminder is DUE for patient if they are in the cohort (applicable) and have not yet had the intervention (finding) that the reminder is seeking.

Basic Reminder Logic



National Reminder – Dialog tools

- Screening bundle
- Alcohol Screening and Brief Intervention (ASBI)
- Tobacco counseling and intervention

The future

- Reminders can be locally created and used for both problem identification and interventions
- Dialogs can be used to resolve reminder
- Dialogs can stand along and be used as documentation tools like PCC+
- Reminders and Dialogs can be SHARED between sites

CAC Resources

- FTP folder
  ftp://ftp.ihs.gov/pubs/EHR/Training/Guides/EHR%20Reminders/
- Sharepoint site for those with D1 account:
  http://workgroups.ihs.gov/sites/reminders/default.aspx
- Recorded webex trainings
  - Reminders start to finish (several done by Mary Hager)
  - Getting started series (several done by Susan Richards)
    - Road map to deployment
    - Reminders – copy and customize
    - Dialogs – customize
    - Importing/Exporting reminders