IHS PHN Virtual Conference

STI Syndemic Response iCare STI Functionality

End the Syndemic (ETS) Informatics Response iCare STI Functionality & Case Management

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Objectives

At the end of this presentation, participants will be able to:

- Examine the updates to iCare Patch 4 & 5 related to STI Functionality and Data Management
- 2. Identify what iCare's STI/STD Care Management Group is and how it functions
- 3. Properly use the new iCare's Functionality and Data Management capabilities

What is New in iCare Version 2.9 Patch 4 – STI Functionality & Case Management

Contains the following fixes and updates relative to STI Care Management.

- CMET Add HIV & Syphilis Events to STI Category
- CMET Add CMET event for RPR and Follow-up RPR Tracking for pregnancy RPR event tracking.

Currently CMET contains only GC/CT in the STI category. Several feedback requests to include Syphilis and HIV. Syphilis has two events: Reagin and TPPA.

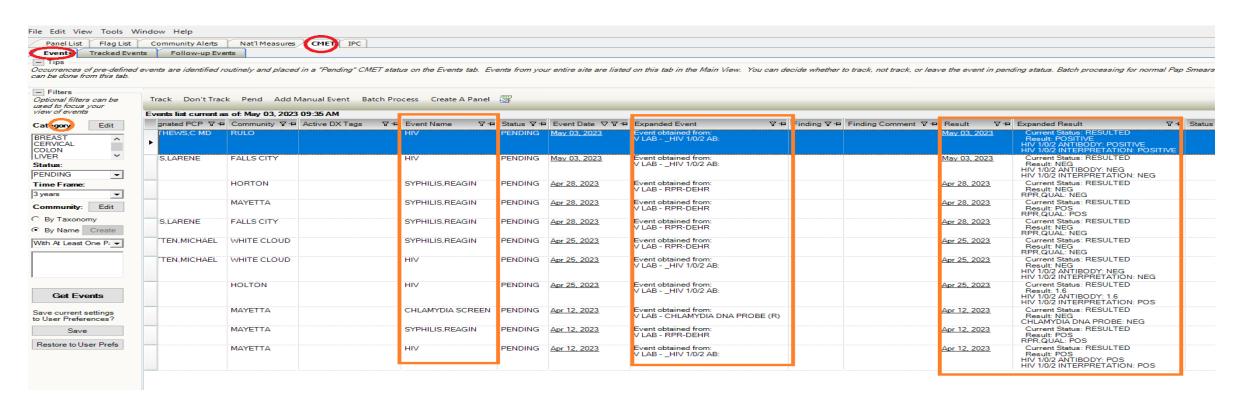
Panel Definitions

- Panels can be created by diagnoses, medications, lab tests and many other criteria such as note titles or orders. An entire manual on Panel Definition exists which and is beyond the scope of this presentation.
- Care Mgmt Groups by panel can show specific information about HIV and, in Patch 5, a new STI/STD display. In the Prenatal Care Mgmt group, Syphilis indicators have been added to track initial labs, third trimester labs, postpartum labs and if any medications were prescribed. A specific manual exists for Care Management as well and the link to these documents are at the link provided below.
- https://www.ihs.gov/rpms/applications/clinical/

Care Management Event Tracking (CMET)

 Nightly job finds new cases of HIV, Syphilis, Chlamydia and Gonorrhea where results can be identified. Positives can be tracked with indicated follow-ups.
 Patients can be notified.

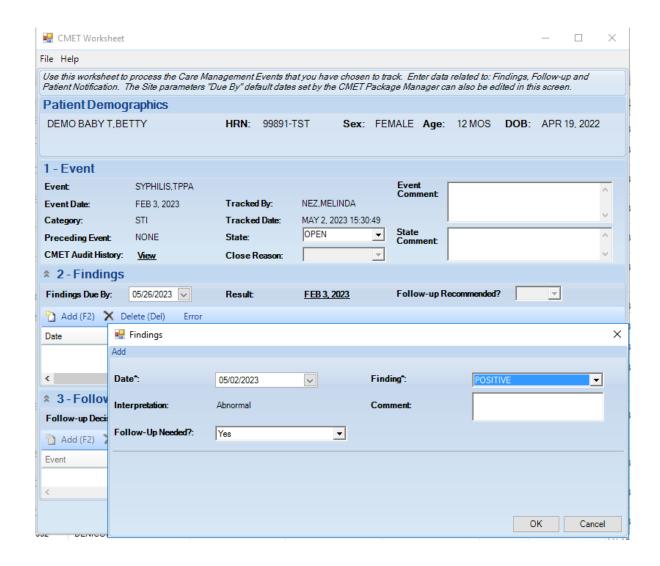
CMET Events - Pending



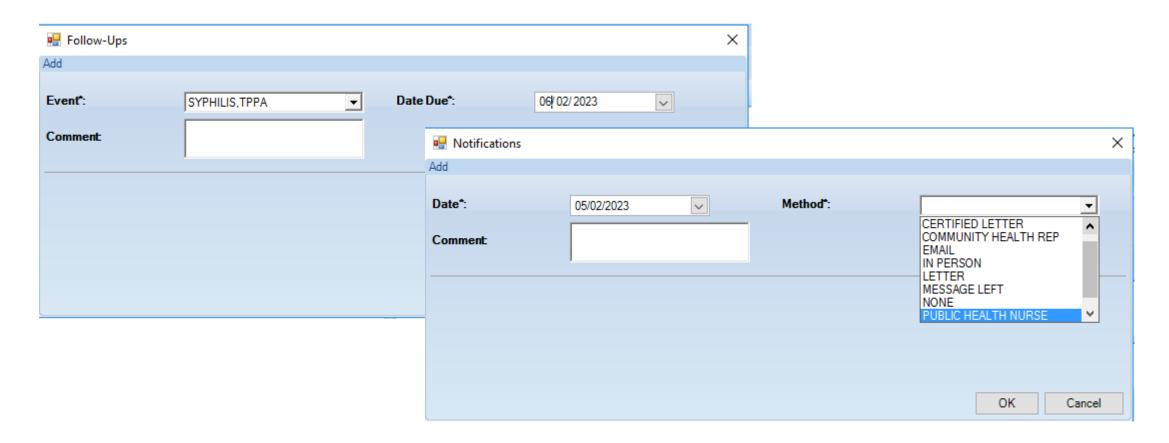
CMET Events - Tracked



- **CMET Worksheet:**
- 1. Event
- 2. Findings
- 3. Follow up
- 4. Notifications



CMET Worksheet: Findings and Notifications



Care Management Groups

Existing Groups

Prenatal

HIV/AIDS

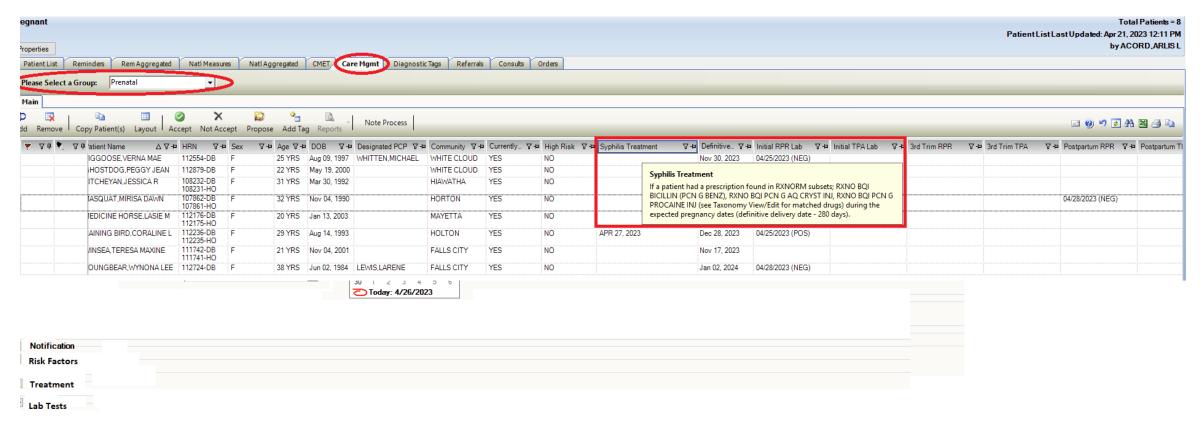
What is New in iCare Version 2.9 Patch 5 – STI Functionality & Case Management

- Care Management Add STD/STI Group
 - Adds STD/STI to CMET (Care Management Event Tracking) function. STD/STI's are reportable, data collected by state, IHS, CDC, and has reports that need to be sent to said entities.
 - All current, and future, CMET capability when STD/STI's added as a CMET group.

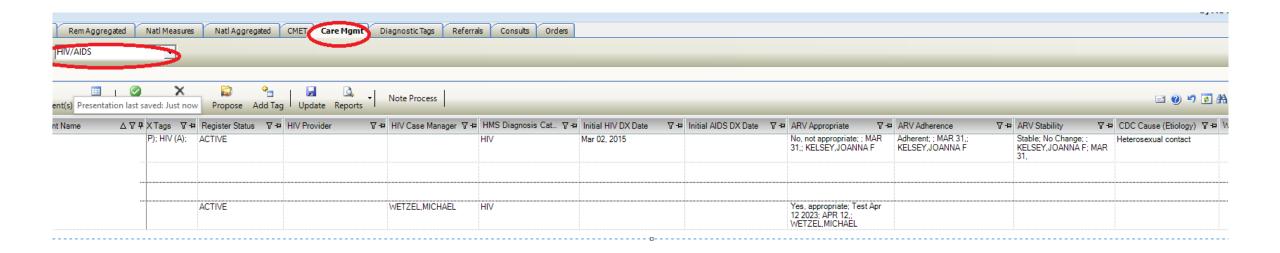
What is coming in the future for STI/STD Functionality & Case Management

- Reminders STI screening Not yet CCB approved; In readiness
- Other requests being formulated for FY24 BNS

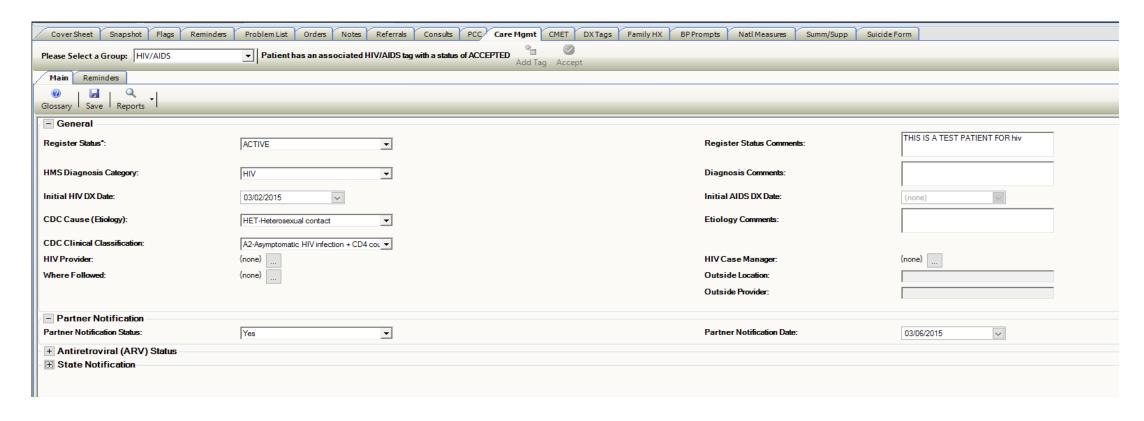
Care Mgmt Group > Prenatal



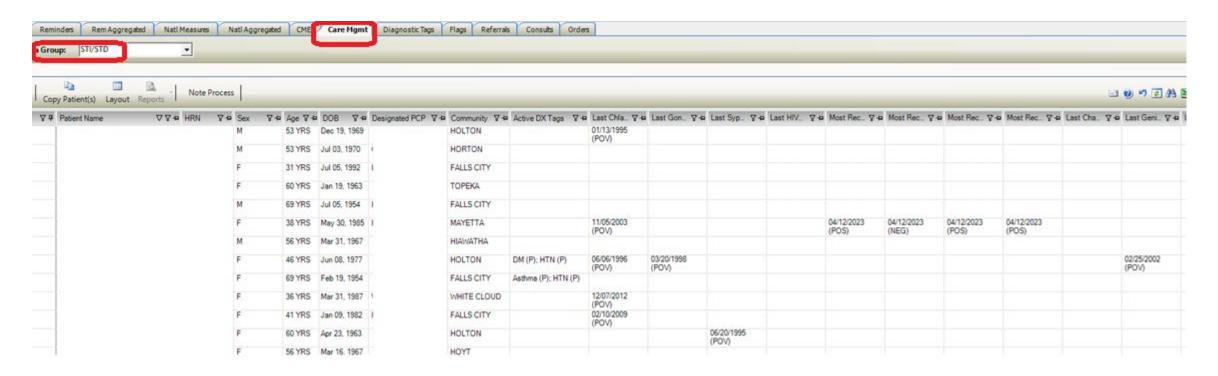
Care Mgmt Group > HIV/AIDS



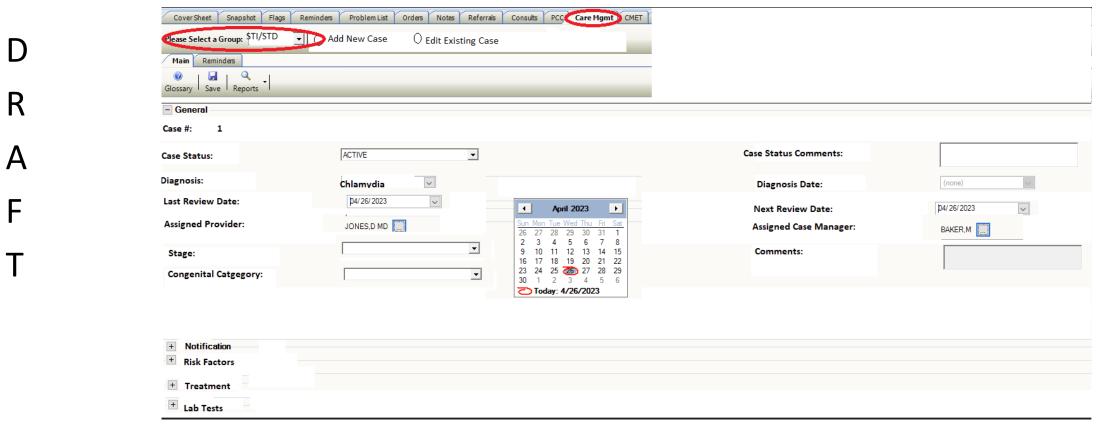
Care Management Data Entry - HIV/AIDS



Care Mgmt Group - STI/STD



Care Management Data Entry - STI/STD



Section – Risk Factors

CMET Risk Factors

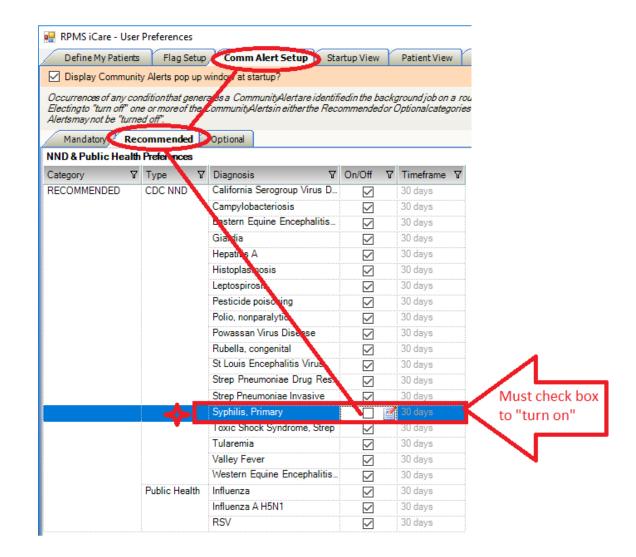
Risk Factors: Comments: Number of Partners: Other Risk Factor: Condomless intercourse Current injection drug use Have unregulated tattoo Hemophiliac/coagulation disorder Heterosexual contact Incarceration Injection drug use Intranasal drug use Male to male sexual contact Mother with or at risk for HIV Infection Multiple sex partners Occupational exposure Other Past injection drug use Previous STI Received blood transfusion, blood components or tissue Received long-term hemodialysis

PXRM Syphilis Clinical Reminder Taxonomies DRAFT SNOMED subset

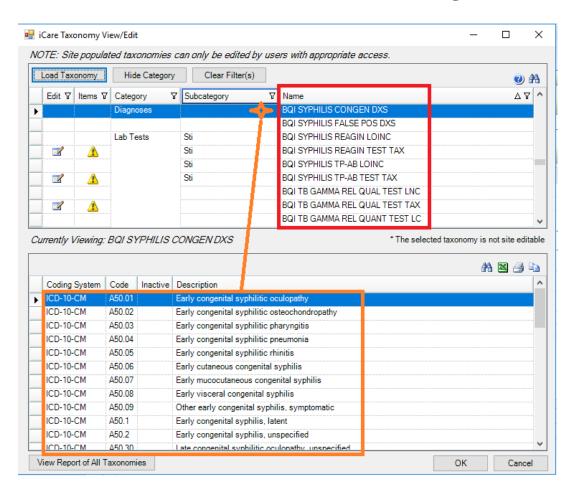
PXRM Syphilis Clinical Reminder DRAFT SNOMED CT subset per Pavla Frazier, in development with DTS Team.

SNOMED CT ID ▼	SNOMED CT Fully Specified Name	
266130009	Acquired syphilis - early latent (disorder)	
266136003	Acquired syphilis - late latent (disorder)	
240555007	Acquired syphilis (disorder)	
194947001	Acute myocarditis caused by Treponema pallidum (disorder)	
186863009	Acute secondary syphilitic meningitis (disorder)	
68863007	Acute syphilitic meningitis (disorder)	
194907008	Acute syphilitic pericarditis (disorder)	
402952006	Anetoderma secondary to syphilis (disorder)	
37754005	Asymptomatic neurosyphilis (disorder)	
240565001	Asymptomatic secondary neurosyphilis (disorder)	
838317007	Bursitis caused by late syphilis (disorder)	
202933002	Bursitis caused by Treponema pallidum (disorder)	
83883001	Cardiovascular syphilis (disorder)	F
→ README	PXRM Syphilis - draft	

- BQI Only include 'Positive' labs for Community Alerts
 - With the implementation of Electronic Case Reporting (ECR) in Patch 3, sites are getting more alerts based on lab tests but they only want to be "alerted" if they are positive lab tests.
 - The Community Alerts logic is modified to check if a lab result is "positive" (e.g. POSITIVE, POS, P, REACTIVE, etc.) and posts.



• BQI - Update Lab LOINC Taxonomies Based on Clinical Logic Review



Community Alerts

- Nightly job finds new cases of HIV, Syphilis, Chlamydia and Gonorrhea by community so that clusters can be identified.
- Patch 4 allows for graphing of alerts over time to identify if there are certain months where there are higher incidences.
- Data is exported to the Department of Epidemiology for upload to their database nightly.

iCare Training Resources

- IHS RPMS Clinical Applications website: iCare User Manuals Clinical | Applications (ihs.gov)
- IHS RPMS Recording & Material Library: RPMS Applications > iCare Management System (BQI) series RPMS Recording and Material Library | Training (ihs.gov)
- IHS RPMS Training website: iCare Office Hours (held once a month) <u>Upcoming Classes</u> | <u>Training (ihs.gov)</u>

Methods to submit iCare Change Requests, Enhancement Requests.

- Email: Melinda.Nez@ihs.gov or Arlis.Accord@ihs.gov
- Listserv: https://www.ihs.gov/listserv/
- ServiceNow Helpdesk: https://www.ihs.gov/itsupport/