



RESOURCE AND PATIENT MANAGEMENT SYSTEM

STI End the Syndemic Informatics Response

NCI-Public Health Alert Syphilis Version
230424

March 2024

Office of Information Technology (OIT)

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NCI Public Health Alert Syphilis

NCI-PUBLIC HEALTH ALERT SYPHILIS-230424

No. 118

Print Name: PUBLIC HEALTH ALERT SYPHILIS

Class: LOCAL

Sponsor: IHS Chief Clinical Consultant for Infectious Diseases

Review Date: APR 24,2026

Rescission Date:

Usage: CPRS, DATA EXTRACT, REPORTS

Related VA-* Reminder:

Reminder Dialog:

Priority:

Visualization:

Description:

After conferring with the IHS Infectious Disease Consultant, it is imperative that definitive action be taken to address STIs at all

Facilities across the agency. Therefore, the following should be done at each service unit and community-based testing coordinated with your community health teams and public health nursing.

1. Everyone between the ages of 13 & 64 should get screening for Syphilis at least once a year. The annual EHR reminder should be turned on at all sites to increase screening for two years or until local incidence rates decrease to baseline.
2. Adopt a STI/HIV/Viral hepatitis testing bundle at all sites to screen broadly:
 - a. Syphilis screening test with reflex RPR and TPPA to confirm active infection
 - b. HIV serology (with documentation of consent if required)
 - c. Screening for gonorrhea and chlamydia at three sites:
Vaginal swab or Urine, Pharyngeal swab, Rectal swab
 - d. Screening for Hepatitis B and C
 - e. Pregnancy test
3. Adoption of "Express STI Testing": On-demand, walk-in testing with little-to-no wait.
<https://npaihborg.box.com/s/w7rvp38r5gzw9px77mu2ahj3ntmp59qv>
4. Enhance screening rates by screening out the hospital/clinic in the community
 - a. Field testing at community centers, Health Fairs, community events, etc.
 - b. Utilization of IWTK (I want the kit) self-testing
(For information, contact Rick Haverkate)
5. Field treatments for syphilis by PHNs with Benzathine Penicillin. (For questions, contact Tina Tah or Melissa Wyaco)

Patient Inclusion Criteria:

Progress note: PUBLIC HEALTH ALERT SYPHILIS - ACTIVE

Resolution:

Progress note: PUBLIC HEALTH ALERT SYPHILIS - INACTIVE

And

Progress note: PUBLIC HEALTH ALERT SYPHILIS - INACTIVE MUST BE
AFTER Progress note: PUBLIC HEALTH ALERT SYPHILIS - ACTIVE

\\

Technical Description:

Baseline Frequency:

Do In Advance Time Frame: Wait until actually DUE
Sex Specific:
Ignore on N/A:
Frequency for Age Range: 99Y - Once for all ages
Match Text:
No Match Text:

Findings:

---- Begin: VA-PROGRESS NOTE (FI(1)=CF(27)) -----

```

        Finding Type: REMINDER COMPUTED FINDING
    Use in Patient Cohort Logic: AND
    Computed Finding Parameter: PUBLIC HEALTH ALERT SYPHILIS - ACTIVE
        Found Text: =Note indicating active Syphilis
                    identified=====
                    \\

        Not Found Text: =No documentation suggesting active Syphilis
                       identified=====
                       \\
    
```

----- End: VA-PROGRESS NOTE -----

----- Begin: VA-PROGRESS NOTE (FI(2)=CF(27)) -----

```

        Finding Type: REMINDER COMPUTED FINDING
    Use in Resolution Logic: AND
    Computed Finding Parameter: PUBLIC HEALTH ALERT SYPHILIS - INACTIVE
        Found Text: =Patient has documentation that a Syphilis
                    problem is inactive=====
                    \\

        Not Found Text: =Patient does NOT have documentation
                       suggesting inactive Syphilis===
                       \\
    
```

----- End: VA-PROGRESS NOTE -----

Function Findings:

----- Begin: FF(1) -----

```

        Function String: MRD(2)>MRD(1)
    Expanded Function String:
    MRD(VA-PROGRESS NOTE)>MRD(VA-PROGRESS NOTE)
    Use in Resolution Logic: AND
        Found Text: =Active Syphilis issues
                    resolved=====
                    \\

        Not Found Text: =No current documentation to suggest Syphilis
                       infection resolved====
                       \\
    
```

----- End: FF(1) -----

General Patient Cohort Found Text:

```

    -----REMINDER APPLICABLE-----

    Patient has documentation suggesting the need for Clinical evaluation for
    treatment or case management of Syphilis Infection.
    
```

General Patient Cohort Not Found Text:

```

    -----REMINDER NOT APPLICABLE-----

    Patient does not have documentation suggesting treatment or case review
    for Syphilis infection.
    
```

General Resolution Found Text:

```

    -----REMINDER RESOLVED-----
    
```

Patient has been treated for Syphilis infection consider re-testing.

General Resolution Not Found Text:

-----REMINDER RESOLUTION NOT FOUND-----

Patient NEEDS TO BE TREATED or EVALUATED for Active Syphilis infection.
Please directed them to Primary care or Public Health Nursing.

Please ensure appropriate Public Health Case Reporting.

Default PATIENT COHORT LOGIC to see if the Reminder applies to a patient:
(SEX) & (AGE) & FI (1)

Expanded Patient Cohort Logic:
(SEX) & (AGE) & FI (VA-PROGRESS NOTE)

Default RESOLUTION LOGIC defines findings that resolve the Reminder:
FI (2) & FF (1)

Expanded Resolution Logic:
FI (VA-PROGRESS NOTE) & FF (1)

Web Sites:

Web Site URL: <https://www.cdc.gov/std/treatment-guidelines/default.htm>

Web Site Title: CDC STI Treatment Guidelines 2021

Description:

CDC's Sexually Transmitted Infections (STI) Treatment Guidelines, 2021 provides current evidence-based prevention, diagnostic and treatment recommendations that replace the 2015 guidance. The recommendations are intended to be a source for clinical guidance. Healthcare providers should always assess patients based on their clinical circumstances and local burden.

Alarm Clock Example:

Crisis/Warning/Allergies/Directives:

Patient Postings
✕

Allergies	Severity	Signs / Symptoms
No Allergy Assessment		

Crisis Notes, Warning Notes, Directives, Record Flags

W	PUBLIC HEALTH ALERT - ACTIVE	04-May-2023 11:21
---	------------------------------	-------------------

Clinical Maintenance Example:

```

--STATUS--  --DUE DATE--  --LAST DONE--
  DUE NOW    DUE NOW      unknown
Frequency: Due every 99Y - Once for all ages.

-----REMINDER APPLICABLE-----

Patient has documentation suggesting the need for Clinical evaluation for
treatment or case management of Syphilis Infection.

Cohort:
Computed Finding: VA-Progress Note
  05/04/2023@11:21 value - PUBLIC HEALTH ALERT SYPHILIS - ACTIVE; Author:
  USER,BSTUDENT MD

=Note indicating active Syphilis identified=====

-----REMINDER RESOLUTION NOT FOUND-----

Patient NEEDS TO BE TREATED or EVALUATED for Active Syphilis infection. Please
directed them to Primary care or Public Health Nursing.

Please ensure appropriate Public Health Case Reporting.

Resolution:

=Patient does NOT have documentation suggesting inactive Syphilis===

=No current documentation to suggest Syphilis infection resolved====
    
```

Figure 1: Syphilis Health Alert Descriptions