

# Policy and Procedure

Policy Name:	Tuberculosis Screening – Pediatric and Adult		
Effective Date:		Revision Date:	
Department(s)/Site(s):			
Document Owners:			
Approved By:			
Relevant Law/Standard:			
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	Review and Medical Record Review or any superseding APL		

## Background:

Tuberculosis is a potentially fatal contagious disease that can affect almost any part of the body but is mainly an infection of the lungs. It is caused by a bacterial microorganism, the tubercle bacillus or Mycobacterium tuberculosis.

Tuberculosis disease was once the leading cause of death in the United States. Today, however, people with active TB disease can be treated and cured if they seek medical help. Even better, people with latent TB infection can take medicine so they will not develop active TB disease.

### Purpose:

Tuberculosis ITB) Risk Assessment is an activity to assess and document a patient's TB symptoms and/or risk factors. A completed risk assessment form and/or screening practices will help the provider to determine the need for further medical testing and evaluation.

# Policy:

- 1. Tuberculosis screening is required for all new members unless it was done in the past year.
- 2. Tuberculosis screening is completed at each health assessment visit.
- 3. Providers are required to follow current CDC and American Thoracic Society guidelines for TB diagnosis and treatment.

#### Procedure:

- 1. Pediatrics
  - a. All children are assessed for risk of exposure to tuberculosis (TB) at 1, 6, and 12- months old and annually thereafter at each health assessment.

- b. The Mantoux skin test, or other approved TB infection screening test, is administered to children *identified at risk*, if there has not been a test in the previous year. The Mantoux is not given if a previously positive Mantoux is documented.
- c. Documentation of a positive test includes follow-up care (e.g. further medical evaluation, chest x-ray, diagnostic laboratory studies and/or referral to specialist).
- d. Two tests that are used to detect TB bacteria in the body: the TB skin test (TST) (Mantoux) and TB blood tests QuantiFERON-TB Gold Plus.
  - i. A positive TB skin test or TB blood test only tells that a person has been infected with TB bacteria.
  - ii. TB infection screening test is administered to children identified at risk if there has not been a test in the previous year.
- e. The Mantoux is not given if a previously positive Mantoux is documented.
  - i. Documentation of a positive test includes follow-up care
    - 1. Further medical evaluation
    - 2. Chest X-Ray
    - 3. Diagnostic laboratory studies
    - 4. Referral to Specialist

# 2. Adults

- a. All adults are screened for tuberculosis (TB) risk factors upon enrollment and at periodic physical evaluations.
- b. The Mantoux skin test, or other approved TB infection screening test, is administered to all asymptomatic persons at increased risk of developing TB irrespective of age or periodicity if they had not had a test in the previous year.
- c. Adults already known to have HIV or who are significantly immunosuppressed require annual TB testing.
- d. The Mantoux is not given if a previously positive Mantoux is documented.
  - i. Documentation of a positive test includes follow-up care
    - 1. Further medical evaluation
    - 2. Chest X-Ray
    - 3. Diagnostic laboratory studies
    - 4. Referral to Specialist

## Resources:

- CDC TB Publications & Products
- https://www.cdc.gov/tb/publications/
- CDPH Pediatric TB Risk Assessment https://www.cdph.ca.gov/Programs/CID/DCDC/CDPH%20Document%20Library/TBCB-CA-Pediatric-TB-Risk-Assessment.pdf
- CDPH Adult TB Risk Assessment
   <a href="https://www.cdph.ca.gov/Programs/CID/DCDC/CDPH%20Document%20Library/TBCB-CA-TB-Risk-Assessment-and-Fact-Sheet.pdf">https://www.cdph.ca.gov/Programs/CID/DCDC/CDPH%20Document%20Library/TBCB-CA-TB-Risk-Assessment-and-Fact-Sheet.pdf</a>
   Sheet.pdf
- USPSTF recommendation on Latent TB Infection Screening https://www.uspreventiveservicestaskforce.org/Page/Document/UpdateSummaryFinal/latent-tuberculosis-infection-screening

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