Evaluation and Treatment of Immunocompetent Tuberculosis (TB) Contacts* and TB Contacts ≥ 5 Years of Age

**TB symptoms include:**
- prolonged cough (≥3 wks)
- chest pain
- hemoptysis
- fever
- chills
- night sweats
- weight loss
- appetite loss
- fatigue

---

Evaluate with medical and exposure history

- Does the contact have symptoms consistent with TB disease? (See list at left.)
  - Yes
    - Fully evaluate contact for TB disease. Contact the Minnesota Department of Health for consultation as needed.
      - (651-201-5414 or 1-877-676-5414)
  - No
    - No further evaluation needed. Educate patient about symptoms of TB disease.

- Has contact previously completed treatment for latent TB infection (LTBI)?
  - Yes
    - No further evaluation needed.
      - Educate patient about symptoms of TB disease.
  - No
    - Administer TST; read result (induration) within 48-72 hours

- Does contact have history of previous positive tuberculin skin test (TST)?
  - Yes
    - Evaluate with physical examination and chest x-ray
      - Is chest x-ray suggestive of TB disease?
        - Yes
          - Recommend treatment for latent TB infection (LTBI). Educate patient about symptoms of TB disease.
        - No
          - Have ≥8 weeks passed since last exposure to TB?
            - Yes
              - Repeat TST 8–10 weeks after last exposure to TB
                - Is TST reaction ≥ 5 mm? (Disregard BCG history.)
                  - Yes
                    - No further evaluation needed
                  - No
                    - No further evaluation needed
            - No
              - No further evaluation needed

- Is TST reaction > 5 mm? (Disregard BCG history.)
  - Yes
    - Evaluate with physical examination and chest x-ray
  - No
    - No further evaluation needed

---

* i.e., persons with recent close exposure to someone with infectious TB disease

---

*TB Prevention and Control Program
P.O. Box 64975
St. Paul, MN 55164
651-201-5414, 1-877-676-5414
www.health.state.mn.us/tb

Adapted from an algorithm by CDC 04-2007