Screening Algorithm for Employees/Volunteers In Chapter 89 Designated Facilities

**Individual Suspected with TB Disease (Symptomatic)**
- Employee should not return to work unless TB disease is excluded or deemed non-infectious.
- Perform chest x-ray and order sputum smear and culture within 72 hours; consider rapid PCR.
- Perform TST.
- Ensure certification of treatment and noninfectious status is obtained from their physician.
- If TB is suspected, report to local or regional health department.

**Individual Suspected with TB Disease (Asymptomatic and Abnormal CXR)**
- Employee should not return to work unless TB disease is excluded or deemed non-infectious.
- Report to local or regional health department.
- Order sputum smear and culture within 72 hours; consider rapid PCR.
- Ensure certification of treatment and noninfectious status is obtained from their physician.

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**Perform symptom screening***

- **TB symptoms present?** (cough ≥ 3 weeks, coughing up blood; weight loss; loss of appetite, lethargy/weakness, night sweats; or fever)
  - Yes
  - **Does patient have written documentation of a previous positive skin test or IGRA?**
    - Yes: Perform chest x-ray within 72 hours.
    - No: Administer TST or IGRA regardless of self-reported results.

- **Does patient have written documentation of a previous positive skin test or IGRA?**
  - Yes: Perform CXR within 72 hours.
  - No: Report to local or regional health department.

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**Edutate patient on diagnosis of TB infection and offer treatment, if available.**
- Repeat symptom screening annually.
- Perform chest x-ray if symptoms develop.

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*Note: Physical examination for TB disease should be required for employees. Centers for Disease Control and Prevention. MMWR 2006;55(No. RR-9): pg. 36.

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