Tuberculosis (TB) Risk Assessment

Name __________________________________________ MTSU ID Number _______________________

Last  First  Middle

Persons with any of the following are candidates for either Mantoux tuberculin skin test (TST) or Interferon Gamma Release Assay (IGRA), unless a previous positive test has been documented:

Risk Factor:

Recent close contact with someone with infectious TB disease  Yes___ No___

Foreign-born from (or travel* to/in) a high-prevalence area (e.g., Africa, Asia, Eastern Europe, or Central or South America)  Yes___ No___

Fibrotic changes on a prior chest x-ray suggesting inactive or past TB disease  Yes___ No___

HIV/AIDS  Yes___ No___

Organ transplant recipient  Yes___ No___

Immunosuppressed (equivalent of > 15 mg/day of prednisone for >1 month or TNF-a antagonist)  Yes___ No___

History of illicit drug use  Yes___ No___

Resident, employee, or volunteer in a high-risk congregate setting (e.g., correctional facilities, nursing homes, homeless shelters, hospitals, and other health care facilities)  Yes___ No___

Medical condition associated with increased risk of progressing to TB disease if infected [e.g., diabetes mellitus, silicosis, head, neck, or lung cancer, hematologic or reticuloendothelial disease such as Hodgkin’s disease or leukemia, end stage renal disease, intestinal bypass or gastrectomy, chronic malabsorption syndrome, low body weight (i.e., 10% or more below ideal for the given population)]  Yes___ No___

*The significance of travel exposure should be discussed with a health care provider and evaluated.

1. Does the student have signs or symptoms of active tuberculosis disease?  Yes___ No___

If No, proceed to 2 or 3. If Yes, proceed with additional evaluation to exclude active tuberculosis disease including tuberculin skin testing, chest x-ray, and sputum evaluation as indicated.

2. Tuberculin Skin Test (TST)

(TST result should be recorded as actual millimeters (mm) of induration, transverse diameter; if no induration, write “0”. The TST interpretation should be based on mm of induration as well as risk factors.)**

Date Given: _____/____/____ Date Read: _____/____/____

M     D     Y    M     D     Y

Result: ______ mm of induration **Interpretation: positive___ negative___

(OVER)
3. Interferon Gamma Release Assay (IGRA)

**Date Obtained:** ____/____/____ (specify method)  QFT-G  QFT-GIT  Other_______

**Result:** Negative___  Positive___  Intermediate___

4. Chest x-ray: (Required if TST or IGRA is positive)

**Date of chest x-ray:** ____/____/____  **Result:** normal___  abnormal___

**Interpretation guidelines**

>5 mm is positive:
- Recent close contacts of an individual with infectious TB
- Persons with fibrotic changes on a prior chest x-ray consistent with past TB disease
- Organ transplant recipients
- Immunosuppressed persons: taking > 15 mg/d of prednisone for > 1 month; taking a TNF-a antagonist
- Persons with HIV/AIDS

>10 mm is positive:
- Persons born in a high prevalence country or who resided in one for a significant* amount of time
- History of illicit drug use
- Mycobacteriology laboratory personnel
- History of resident, worker or volunteer in high-risk congregate settings
- Persons with the following clinical conditions: silicosis, diabetes mellitus, chronic renal failure, leukemias and lymphomas, head, neck or lung cancer, low body weight (>10% below ideal), gastrectomy or intestinal bypass, chronic malabsorption syndromes

>15 mm is positive:
- Persons with no known risk factors for TB disease

*The significance of the exposure should be discussed with a health care provider and evaluated.*