

# Mantoux Tuberculin Skin Test Pre- and Post-Test and Answer Key

Circle the correct letter for each answer. Each question has only one answer (unless otherwise indicated).

Please check to indicate whether this is a:

\_\_\_\_\_ **Pre-Test**

\_\_\_\_\_ **Post-Test**

1. The correct amount of PPD antigen to use in a tuberculin skin test is:
  - a. .05 mL of 5 tuberculin units
  - b. 0.1 mL of 5 tuberculin units
  - c. 0.5 mL of 5 tuberculin units
  - d. 1 mL of 5 tuberculin units
2. A Mantoux tuberculin skin test is administered:
  - a. intermuscularly
  - b. intradermally
  - c. subcutaneously
  - d. by scratching the skin
3. A positive skin test means a patient:
  - a. probably has TB disease
  - b. probably has TB infection
  - c. has TB and is infectious
  - d. is allergic to PPD solution
4. A skin test should be read at:
  - a. 24 to 48 hours (1 to 2 days)
  - b. 48 hours (2 days)
  - c. 48 to 72 hours (2 to 3 days)
  - d. any time up to a week
5. If a patient fails to show up for the scheduled reading, a positive reaction may still be measurable for how long after testing?
  - a. 7 days
  - b. 10 days
  - c. 14 days
  - d. none of the above
6. When placing the skin test, it is important to record the:
  - a. date
  - b. administrator
  - c. arm of placement
  - d. lot # and expiration date of PPD solution
  - e. all of the above

7. A tuberculin reaction of 5 mm is positive in:
  - a. Persons known to have or suspected of having HIV infection
  - b. Close contacts of a person with infectious TB
  - c. Persons who have a chest X-Ray suggestive of previous TB
  - d. All of the above
8. Which patients described below have a positive tuberculin skin test reaction?  
*Check all correct answers.*

\_\_\_\_\_ Mr. West, 36 years old, with HIV infection, 8 mm induration

\_\_\_\_\_ Ms. Hernandez, 26 years old, native of Mexico, 7 mm induration

\_\_\_\_\_ Ms. Jones, 56 years old, has diabetes, 12 mm induration

\_\_\_\_\_ Mr. Sung, 79 years old, resident of a nursing home, 11 mm induration

\_\_\_\_\_ Mr. Williams, 21 years old, no risk factors, 13 mm induration

\_\_\_\_\_ Ms. Marcos, 42 years old, chest x-ray findings suggestive of previous TB, 6 mm induration

\_\_\_\_\_ Ms. Rayle, 50 years old, husband has pulmonary TB, 9 mm induration

Please Turn Over →

**9. The following circles represent indurations from a Mantoux tuberculin skin test. Measure and interpret the circles for the following individuals. Indicate your response by filling in the millimeters of induration and indicate whether this is a positive or negative skin test result.**

A 30-year-old man with HIV infection \_\_\_\_\_mm induration



Negative

Positive

---

A 25-year-old woman, IV drug user, documented HIV negative \_\_\_\_\_mm induration



Negative

Positive

---

A 20-year-old close contact of an infectious TB case \_\_\_\_\_mm induration



Negative

Positive

---

A 34-year-old health care worker in a long term care facility \_\_\_\_\_mm induration



Negative

Positive

---

A 32-year-old person with no known exposures or risk factors \_\_\_\_\_mm induration



Negative

Positive

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Correct answer(s) are in bold.

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*Check all correct answers*
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  - Mr. Sung, 79 years old, resident of a nursing home, 11 mm induration**
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  - Ms. Marcos, 42 years old, chest x-ray findings suggestive of previous TB, 6 mm induration**
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Negative

Positive

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A 25-year-old woman, IV drug user, documented HIV negative 8 mm induration



Negative

Positive

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A 20-year-old close contact of an infectious TB case 5 mm induration



Negative

Positive

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A 34-year-old health care worker in a long term care facility 6 mm induration



Negative

Positive

---

A 32-year-old person with no known exposures or risk factors 13 mm induration



Negative

Positive

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