Skills Assessment for Reading the Mantoux Tuberculin Skin Test

Scoring System

4 = Observed successful in completing **without preceptor coaching**

3 = Observed with **minimal guidance** from preceptor

2 = Observed completion with assistance from preceptor, **improvement needed**

1 = Observed **unable to complete** independently

0 = Not observed

Score

Trainee

Date

Instructor

Date

Comments:

______________________________________________________________________________

______________________________________________________________________________

______________________________________________________________________________

______________________________________________________________________________

______________________________________________________________________________

______________________________________________________________________________

______________________________________________________________________________
The trainee will demonstrate the following skills involved in correctly reading and measuring a Mantoux tuberculin skin test:

**Checklist**

1. Has the necessary supplies on hand
2. Correctly identifies the patient and introduces him/herself
3. Explains the procedure to the patient
4. Washes his/her hands
5. Inspects the patient’s arm in good light and on a firm surface
6. Locates the site of injection with the patient’s forearm supported and slightly flexed at the elbow
7. Has fingernails shorter than fingertips
8. Touches the area lightly with pads of fingertips
9. Lightly sweeps fingertips in 2-in diameters from injection site in all 4 directions to locate edges of induration
10. Uses a zig-zag, feather-like touch to palpate for induration margins
11. Repeats the palpation with the patient’s arm raised at a 45-degree angle
12. Holds his/her palm over the injection site with fingertips at the outer edge of the patient’s forearm
13. Moves fingertips towards the injection site without lifting
14. Locates the induration with fingertip resting firmly against the induration margin
15. Uses a ball point pen to lightly mark the widest edge of the induration with a fine dot
16. Locates the induration margin on the other side of the patient’s forearm and places the second mark on the margin of induration
17. Palpates again, repeating finger movements toward the injection site, and adjusts the dots if necessary
18. Uses a millimeter ruler to measure the diameter of induration perpendicular to the long axis of the forearm

19. Measures only the induration, not erythema

20. Places the zero ruler line inside the left dot edge

21. Reads the ruler line inside the right dot edge

22. Correctly records the exact measurement in millimeters of induration on the Mantoux Tuberculin Skin Test Record Form

23. Records the date and time the test was read, the name and signature of person who read the test, and the presence or absence of adverse reactions (i.e., blistering, redness, swelling)

24. Explains the significance of a positive or negative skin test result to the patient

25. Answers the patient’s questions

26. Directs the patient for follow-up, if necessary

27. Provides documentation, copy of Mantoux Tuberculin Skin Test Record Form, to patient and explains importance of retaining this information

28. Provides culturally and linguistically appropriate educational materials to patient

Comments: ____________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________