



## Critical Elements Checklist for TST Providers

**Return Demonstration:** Complete this checklist with a peer evaluator. Perform a mock TST while verbalizing the elements of the procedure.

Competency, Skills, Techniques, Activities, Procedures	Able to demonstrate competence		
	Yes	No	N/A
<b>Clinic setup</b>			
Sets up clinic for employee safety and ensures anaphylaxis kit is easily accessible.			
Stores and handles Tubersol® to maintain cold chain and protect from light as appropriate.			
<b>Performs appropriate client assessment</b>			
Assesses current health status and reviews previous TST history from client including allergies and any previous adverse reactions to tuberculin skin testing.			
Reviews the Occupational Safety & Health Employee TST Referral Form (CLI.8011.PL.008.FORM.05) and the SH-SS Occupational Safety & Health Standard Orders ( TST pg. 13).			
<b>Obtains informed consent: employee signature</b>			
Ensures employee receives appropriate information. Discusses details including benefits and risks of receiving and of refusing the TST.			
Reviews contraindications and precautions, common and expected reactions and how to manage them, possible serious or severe adverse events and when to seek medical assistance.			
Ensures employee has opportunity to have questions answered.			
<b>Prepares and Administers Tuberculin</b>			
Cleans hands prior to handling tuberculin using either alcohol based hand rub or proper hand washing. Maintains aseptic technique throughout procedure.			
Double-checks vial label, expiry date, and dosage prior to drawing up.			
Chooses appropriate needle gauge, length, and syringe for TST intradermal injection.			
Rechecks the employee's identity and that informed consent has been obtained and consent signed.			
Demonstrates knowledge of accurate site location and injection for TST: <ul style="list-style-type: none"> <li>• Inner aspect of forearm, 10 cm (4 in.) below the elbow.</li> <li>• Avoids areas with extensive abrasions, lesions, swelling, burns, eczema, rashes, tattoos, or visible veins.</li> </ul>			
Instructs employee re proper positioning appropriate to required administration site: <ul style="list-style-type: none"> <li>• Seated comfortably.</li> <li>• Arm supported on a table.</li> </ul>			

Competency, Skills, Techniques, Activities, Procedures	Able to demonstrate competence		
	Yes	No	N/A
Cleans the site with an alcohol swab. Allows alcohol to dry. Positions the the bevel of the needle with the opening up. While holding the skin of the inner aspect of the forearm taut, inserts the needle at a 5° to 15° angle to the skin without aspirating. The tip of the needle is visible just below the surface of the skin. Inserts the needle until the entire bevel is covered. Administers tuberculin by slow intradermal injection. Offers gauze to dab drop of blood that may appear. Instructs the employee not to press, massage or scratch area. Does not bandage site.			
Properly disposes of TST equipment in sharps container.			
Provides employee with TST Information Sheet.			
Asks employee to stay for 15 minute observation period. Demonstrates knowledge of management and prevention of fainting episodes, as well as the protocol for the management of anaphylaxis.			
<b>Documentation: Using the SH-SS Occupational Health Immunization Intake Form (CLI.8011.PL.008.FORM.02)</b>			
Documents consent (employee signature) or refusal of TST or contraindications if present.			
Records: Date of injection, Dose of PPD (5 TU, 0.1 mL), PPD manufacturer, PPD lot number, Expiration date of the PPD reagent, Site of injection, Person administering the TST.			
Provider is aware of the need to report adverse events using <i>MB Health Adverse Events Following Immunization (AEFI)</i> .			
<b>Reads the TST</b>			
Reading performed 42 to 72 hours after administration.			
Forearm supported on a firm surface with slightly flexed elbow.			
Injection site palpated to determine presence of induration.			
Pen method used to mark border of induration. Moves tip of pen at a 45° angle laterally toward the injection site, stopping at the edge of the induration. Repeated the process on the opposite side.			
Uses a caliper to measure the distance between the pen marks. Disregards erythema.			
Records the result in millimeters (mm) and if the measurement falls between demarcations on the ruler, uses the smaller of the two numbers.			
<b>Documentation: Using the SH-SS Occupational Health Immunization Intake Form (CLI.8011.PL.008.FORM.02)</b>			
Records: Date read, Results in mm. Also includes name, signature and date.			
Reminds employee of appointment for TST #2 if applicable. (7 to 28 days after TST #1 given)			

**Signature of Learner:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Signature of Peer Evaluator:** \_\_\_\_\_ **Date:** \_\_\_\_\_