The TB Skin Test (Mantoux)

The tuberculosis (TB) skin test, sometimes called a “Mantoux,” is a simple, harmless way to find out if you have latent TB infection.

How can I tell if I have latent TB infection?

A TB skin test (“Mantoux”) can show if you have latent TB infection. You could have latent TB infection if you have ever spent time close to someone with active TB disease (even if you didn’t know they were sick).

Your health care provider will use a small needle to inject some harmless testing fluid (called “tuberculin”) under the skin on your arm.

What is latent TB infection?

There are two phases of TB. Both phases can be treated with medicine. When TB germs first enter your body, they cause latent TB infection. Without treatment, latent TB infection can become active TB disease. Anyone can get TB because it spreads from one person to another through the air.

<table>
<thead>
<tr>
<th>Phase 1 – Latent TB Infection</th>
<th>Phase 2 – Active TB Disease</th>
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<tbody>
<tr>
<td>TB germs are “asleep” in your body. This phase can last for a very long time – even many years.</td>
<td>TB germs are active and spreading. They are damaging tissue in your body.</td>
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<td>You don’t look or feel sick. Your chest x-ray is usually normal.</td>
<td>You usually feel sick. Your doctor will do special tests to find where TB is harming your body.</td>
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<tr>
<td>You can’t spread TB to other people.</td>
<td>If the TB germs are in your lungs, you can spread TB to other people by coughing, sneezing, talking, or singing.</td>
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<td>Usually treated by taking one medicine for 9 months.</td>
<td>Treated by taking 3 or 4 medicines for at least 6 months.</td>
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Your health care provider MUST check your arm 2 or 3 days after the TB skin test, even if your arm looks OK to you.

If you have a reaction to the test, it will look like a raised bump. Your health care provider will measure the size of the reaction. If there is a bump, it will go away in a few weeks.

How do I take care of my arm after the TB skin test?

- Don’t cover the spot with a bandage or tape.
- Be careful not to rub it or scratch it.
- If the spot itches, put a cold cloth on it.
- You can wash your arm and dry it gently.
What if my TB skin test is negative?

The test is “negative” if there is no bump (or only a very small bump) at the spot where the fluid was injected. A negative TB skin test usually means that you don’t have TB.

In some situations, you may need to have another TB skin test later.

What if my TB skin test is positive?

The test is “positive” if there is a bump of a certain size where the fluid was injected. This means you probably have TB germs in your body. Most people with a positive TB skin test have latent TB infection. To be sure, your doctor will examine you and give you a chest x-ray. You may need other tests to see if you have active TB disease.

You should have a TB skin test if:

- you have had frequent close contact with someone who has active TB disease,
- you have lived in a country where many people have TB,
- you work or live in a nursing home, clinic, hospital, prison, or homeless shelter, or
- you have HIV infection or certain other health problems.

What if I’ve had BCG vaccine?

Even if you have had BCG vaccine, you can have a TB skin test.

- People who have had BCG vaccine still can get latent TB infection and active TB disease.
- BCG vaccine may help protect young children from getting very sick with TB. This protection goes away as people get older.
- BCG vaccine sometimes causes a positive TB skin test reaction. But if you have a positive reaction to the TB skin test, it probably is from TB germs in your body - not from your BCG vaccine.

You can have a TB skin test, even if you have had BCG vaccine!