



## Latent Tuberculosis Infection



## What is Latent Tuberculosis (TB) Infection?

- Latent TB infection is a state of persistent immune response to tuberculosis bacteria with no evidence of clinically manifest active TB (NO sickness, NO spread of germs, NO X-ray changes).
- If TB germs become active and multiply, latent infection can turn into TB disease.
- Without treatment, 1 in 10 people with latent TB infection will develop TB disease.

## Who should be tested for TB infection?

- Contacts of people with TB disease.
- People from countries where TB disease is common.
- People with health problems that make it hard to fight TB disease.
- People who spend time in places where TB is more common.

## What are the treatment options?

### Option 1: Rifapentine plus Isoniazid

**Total Tabs:** ~7 to 10 tabs based on your weight

**Duration and Frequency:** Once weekly for 3 months

<b>Pros</b>	Once weekly, shorter regimen
<b>Cons</b>	Drug-drug interactions, more abdominal symptoms, harmless orange urine

### Option 2: Rifampicin

**Total Tabs:** ~3 to 4 tabs based on your weight

**Duration and Frequency:** Once daily for 4 months

<b>Pros</b>	Shorter regimen, only 1 medication, less gastric symptoms
<b>Cons</b>	Drug-drug interactions, harmless orange urine

### Option 3: Isoniazid

**Total Tabs:** ~2 tabs based on your weight

**Duration and frequency:** Once daily for 6 to 9 months

<b>Pros</b>	Less drug-drug interactions, only 1 medication, no orange urine
<b>Cons</b>	Longer regimen, gastric symptoms, may cause tingling or numbness

### Option 4: Rifinah (Rifampicin + Isoniazid)

**Total Tabs:** ~3 tabs based on your weight

**Duration and frequency:** Once daily for 3 to 4 months

<b>Pros</b>	Shorter regimen
<b>Cons</b>	Drug-drug interactions, gastric symptoms, harmless orange urine

### Option 5: Isoniazid

**Total Tabs:** ~3 to 4 tabs based on your weight

**Duration and frequency:** Twice weekly for 6 to 9 months

<b>Pros</b>	Less drug-drug interactions, only 1 medication, no orange urine, less frequent dosing
<b>Cons</b>	Longer regimen, gastric symptoms, may cause tingling or numbness

## What you need to know about your medicine

**STOP AND come to the CDC immediately if you have any of the problems below:**

- Severe nausea or vomiting
- Easy bruising or bleeding
- Severe rash or itching
- Yellowing skin or eyes
- Severe weakness or tiredness
- Tingling or numbness in your hands or feet
- Severe headache and dizziness

Treatment options 1, 2 and 4 may interfere with hormone based birth control.

Talk to your doctor about your most appropriate option.