

San Diego Tuberculosis Risk Assessment

- Use this tool to identify asymptomatic **adults** for latent TB infection (LTBI) testing.
- Re-testing should only be done in persons who previously tested negative (or who have no written documentation of a past positive test) and have new or repeated risk factors since the last assessment.
- For TB symptoms or abnormal chest x-ray consistent with active TB disease → Evaluate for active TB disease
*Evaluate for active TB disease with a chest x-ray, symptom screen, and if indicated, sputum AFB smears, cultures and nucleic acid amplification testing. **A negative tuberculin skin test or interferon gamma release assay does not rule out active TB disease.***

Check appropriate risk factor boxes below.

LTBI testing is recommended if any of the boxes below are checked.

If LTBI test result is positive and active TB disease is ruled out, LTBI treatment is recommended.¹

Foreign-born person from a country with an elevated TB rate

- Includes countries other than the United States, Canada, Australia, New Zealand, or Western and North European countries. (see back for country list)
- If limited resources require prioritization within this group, **prioritize** patients with at least one medical risk for progression (see back for medical risk list)
- Interferon gamma release assay tests are preferred over tuberculin skin Tst for foreign-born persons

US-born person and

- lives in or visits a country with an elevated TB rate (see back for country list) or
- crosses the US-Mexico border frequently or
- who eats queso fresco or other unpasteurized dairy from Mexico.
- If limited resources require prioritization within this group, **prioritize** patients with at least one medical risk for progression (see back for medical risk list)

Immunosuppression, current or planned

HIV infection, organ transplant recipient, treated with TNF-alpha antagonist (e.g., infliximab, etanercept, others), steroids (equivalent of prednisone ≥ 15 mg/day for ≥ 1 month) or other immunosuppressive medication

Close contact to someone with infectious TB disease at any time

Provider: _____

Patient Name: _____

Assessment Date: _____

Date of Birth: _____

(Place sticker here if applicable)

Medical Risk Factors for Tuberculosis

- Diabetes Mellitus
- History/current chest x-ray findings suggestive of old/inactive TB (and no documentation of past treatment)
 - Includes fibrosis or non-calcified nodules but not solitary calcified nodules or isolated pleural thickening.
 - Be sure to rule out active TB disease.
- End stage renal disease/dialysis
- Leukemia/lymphoma/CA of head and neck
- Gastrectomy/intestinal bypass (including bariatric surgery)/chronic malabsorption)
- Smoker in past 1 year
- Silicosis
- BMI \leq 20

Risk categories based on the TB case rates among foreign-born persons in the United States.

High Risk

Sub-Saharan Africa: Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Congo, Democratic Republic of Congo, Djibouti, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Guinea, Guinea-Bissau, Ivory Coast, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mozambique, Namibia, Niger, Rwanda, Sao Tome and Principe, Senegal, Seychelles, Sierra Leone, Somalia, Swaziland, Tanzania, Togo, Uganda, Zambia, Zimbabwe

Southeast Asia: Brunei, Burma (Myanmar), Cambodia, East Timor, Indonesia, Laos, Philippines, Singapore, Vietnam

Indian Subcontinent: Afghanistan, Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan, Sri Lanka

Central/South America: Bolivia, Ecuador, Guatemala, Honduras, Peru

Caribbean: Dominican Republic, Haiti

North Africa/Middle East: Libya, Tunisia, Yemen

Asia: China, Mongolia

Eastern Europe: Georgia

Medium Risk

Mexico, Central/South America: Argentina, Belize, Brazil, Chile, Colombia, Costa Rica, El Salvador, French Guiana, Guyana, Mexico, Nicaragua, Panama, Suriname, Uruguay, Venezuela

North Africa/ Middle East: Afghanistan, Algeria, Bahrain, Egypt, Iran, Iraq, Jordan, Lebanon, Kuwait, Morocco, Oman, Palestine, Qatar, Saudi Arabia, South Sudan, Sudan, Syria, Turkey, Western Sahara, Yemen

Asia: Japan, Kazakhstan, North Korea, South Korea, Kyrgyzstan, Taiwan, Tajikistan, Tibet, Turkmenistan, Uzbekistan

Eastern Europe: Albania, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Estonia, Hungary, Latvia, Lithuania, Macedonia, Moldova, Poland, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Ukraine

Sub-Saharan Africa: Ghana, Nigeria, South Africa,

Southeast Asia: Malaysia, Thailand

Low Risk (do not test unless fall into other categories)

Western Europe: Austria, Belgium, Cyprus, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Malta, Netherlands, Norway, San Marino, Sweden, Switzerland, United Kingdom

Oceania: Australia, New Zealand,

North America: Canada and Caribbean islands not listed above

South America: Paraguay