

# Tuberculosis Epidemiologic Studies Consortium (TBESC)

 [consortiapedia.fastercures.org/consortia/tbesc/](http://consortiapedia.fastercures.org/consortia/tbesc/)

## Research Areas

 **Tool Development**  
Resource

 **Basic Research**

 **Product Development**

## At a Glance

- Status: **Active Consortium**
- Year Launched: **2001**
- Initiating Organization: **Center for Disease Control**
- Initiator Type: **Government**
- **Rare** disease
- Location: **North America**

## Abstract

The Tuberculosis Epidemiologic Studies Consortium (TBESC) II focuses its research on latent tuberculosis (TB) infection. Latent TB infection is the condition when a person is infected with *Mycobacterium tuberculosis* (*M. tuberculosis*) but has not yet developed TB disease, has no symptoms, and cannot pass the bacteria to others.

## Mission

The primary study of TBESC II is as follows:

- Evaluate tests used to detect latent TB infection. These tests include the tuberculin skin test (TST) and the interferon-gamma release assays (IGRAs): QuantiFERON®-TB Gold In-Tube (QFT-GIT) and T-SPOT®.TB test (T-Spot).
- Compare the ability of the TST and IGRAs to predict progression from latent TB infection to TB disease. This study is one of the largest of its kind. Approximately 6,000 patients will be

enrolled each year for a total enrollment of about 42,000 patients over a seven-year period.

TBESC II will also evaluate the following:

- Strategies to ensure latent TB infection treatment acceptance and completion
- Shorter, safer, and cost-effective latent TB infection treatment regimens

## Patent Engagement

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TBESC II is supported by a web-based data management system. The system operates on one platform with modules to oversee patient enrollment, case management, clinical documentation, appointment scheduling, reporting, invoicing, and security/access.

## Links/Social Media Feed

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Homepage <http://www.cdc.gov/tb/topic/research/tbesc/default.htm>

## Points of Contact

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[TBESC@cdc.gov](mailto:TBESC@cdc.gov)

## Sponsors & Partners

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