

# Self-Study Modules on Tuberculosis, 6-9

## Introduction



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES  
Centers for Disease Control and Prevention  
National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention  
Division of Tuberculosis Elimination  
Atlanta, Georgia  
2014

## Self-Study Modules on Tuberculosis

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The *Self-Study Modules on Tuberculosis* is a series of educational modules designed to provide information about tuberculosis (TB) in a self-study format. The series consists of nine modules that are separated into two parts. The first part, Modules 1–5, provides basic information on TB. The second part, Modules 6–9, provides more specific TB programmatic information. It is recommended that you work through Modules 1–5 before proceeding to Modules 6–9.

## Target Audience

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The target audiences for this course are outreach workers, nurses, physicians, administrators, health educators, and students from a variety of settings, including

- TB programs
- Other public health agencies, such as HIV/AIDS, STD, and viral hepatitis programs
- Managed care organizations
- Correctional facilities
- Community-based organizations
- Homeless shelters
- Migrant clinics
- Substance abuse facilities
- Nursing and medical schools
- Other facilities serving persons with or at risk for TB

## About Modules 6–9

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The *Self-Study Modules on Tuberculosis, 6–9* package includes four modules, an introduction, and a glossary.

- Introduction (this booklet)
- Module 6: Managing Patients and Improving Adherence
- Module 7: Patient Rights and Confidentiality in Tuberculosis Control
- Module 8: Contact Investigations for Tuberculosis
- Module 9: Tuberculosis Outbreak Detection and Response
- Glossary

A few topics have been repeated in several of the modules to enable the modules to be used either as a complete course or as stand-alone booklets.

Each module contains the following sections:

- **Background:** Background information to help you understand the purpose of the module.
- **Objectives:** A guide to the information you should learn from the module.
- **New Terms:** A list of terms that are introduced in the module and listed in the glossary.
- **Reading Material:** The reading material for the module, including diagrams, charts, illustrations, and photographs.
- **Study Questions:** Sets of questions, spread throughout the reading material, designed to help you assess how well you have learned the content of the module. Be sure to take advantage of these valuable exercises because they will help you prepare for the final examination. Answers are provided at the end of the module so that you can check your work.
- **Case Studies:** Case studies designed to help you apply the concepts you have learned in the module. Answers are provided at the end of the module so that you can check your work.
- **Additional Resources:** A list of references for additional information.

## Objectives

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After working through Modules 6–9, participants will be able to

### **Module 6: Managing Tuberculosis Patients and Improving Adherence**

1. List the four priority activities of TB prevention and control.
2. Describe the activities associated with TB case management.
3. Describe directly observed therapy (DOT).
4. Discuss TB treatment adherence strategies.
5. Explain considerations for TB case management in special settings.

### **Module 7: Patient Rights and Confidentiality in Tuberculosis Control**

1. Define confidentiality.
2. Explain why trust is important to a successful patient–health care worker relationship.
3. List four types of patient’s rights.
4. Describe how confidentiality is an essential issue in several of the core components of a TB control program.

### **Module 8: Contact Investigations for Tuberculosis**

1. Define a TB contact investigation.
2. State the goals of a TB contact investigation.
3. Describe the systematic approach to TB contact investigations.

4. Define a TB source case investigation.

### **Module 9: Tuberculosis Outbreak Detection and Response**

1. List the criteria to meet the definition of a TB outbreak.
2. Describe three methods of TB outbreak detection.
3. Describe the role of genotyping in TB outbreak detection and investigation.
4. List the ten steps of the systematic approach to TB outbreak response.

## **Companion Products**

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### **Modules 1–5**

*Self-Study Modules on Tuberculosis, 1–5*, includes five modules, an introduction, and a glossary.

- Introduction
- Module 1: Transmission and Pathogenesis of Tuberculosis
- Module 2: Epidemiology of Tuberculosis
- Module 3: Targeted Testing and the Diagnosis of Latent Tuberculosis Infection and Tuberculosis Disease
- Module 4: Treatment of Latent Tuberculosis Infection and Tuberculosis Disease
- Module 5: Infectiousness and Infection Control
- Glossary

### **Modules 1–5 Slide Sets and Facilitator Guide**

The Modules 1–5 slide set was developed as an accompaniment to the print-based *Self-Study Modules, 1–5* to aid in the presentation of module content for a facilitator-led training. The Facilitator Guide provides facilitator guidance and tips for leading a training using the *Self-Study Modules on Tuberculosis, 1–5 Slide Sets*.

## **To View or Order the Modules**

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To view or download the *Self-Study Modules on Tuberculosis, 1–5* and *the Self-Study Modules on Tuberculosis, 6–9*, visit [www.cdc.gov/tb/education/ssmodules/](http://www.cdc.gov/tb/education/ssmodules/).

If you would like to request a print copy of the *Self-Study Modules on Tuberculosis, 1–5* or *6–9*, please use the CDC Division of Tuberculosis Elimination’s online ordering system:

<http://wwwn.cdc.gov/pubs/CDCInfoOnDemand.aspx>.

## Continuing Education

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Continuing education (CE) is offered free of charge for various professions based on approximately 6 hours of instruction for Modules 6–9. In order to receive CE credit/contact hours, you must complete an exam and course evaluation. A minimum score of 70% is necessary to receive credit/contact hours. Upon successful completion of the course, exam, and evaluation, your CE certificate will be issued by CDC Training and Continuing Education Online.

Prerequisites: A participant should be familiar with tuberculosis basics. It is recommended, but not required, that the *Self-Study Modules on Tuberculosis, 1–5* be completed before beginning the *Self-Study Modules on Tuberculosis, 6–9*.

### Continuing Education Registration and Test

You can register and take the test for CE units online for the *Self-Study Modules on Tuberculosis, 6–9*.

**Origination Date:** January 22, 2018

**Expiration Date:** January 22, 2022

**Format:** Enduring

### Continuing Education Units

The following continuing education (CE) units are available free of charge for the *Self-Study Modules on Tuberculosis, 6–9*:

**CME:** The Centers for Disease Control and Prevention is accredited by the Accreditation Council for Continuing Medical Education (ACCME®) to provide continuing medical education for physicians.

The Centers for Disease Control and Prevention designates this **enduring material** for a maximum of **6.0** AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**CNE:** The Centers for Disease Control and Prevention is accredited as a provider of Continuing Nursing Education by the American Nurses Credentialing Center’s Commission on Accreditation.

This activity provides **5.8** contact hours.

**CEU:** The Centers for Disease Control and Prevention is authorized by IACET to offer 0.6 CEU's for this program.

**CECH:** Sponsored by the Centers for Disease Control and Prevention, a designated provider of continuing education contact hours (CECH) in health education by the National Commission for Health Education Credentialing, Inc. This program is designated for Certified Health Education Specialists (CHES®) and/or Master Certified Health Education Specialists (MCHES®) to receive up to **6.0** total Category I continuing education contact hours. Maximum advanced level continuing education contact hours available are 0. CDC provider number **98614**.

## **Disclosure Statement**

In compliance with continuing education requirements, all presenters must disclose any financial or other associations with the manufacturers of commercial products, suppliers of commercial services, or commercial supporters as well as any use of unlabeled product(s) or product(s) under investigational use.

CDC, our planners, content experts, and their spouses/partners wish to disclose they have no financial interests or other relationships with the manufacturers of commercial products, suppliers of commercial services, or commercial supporters. Planners have reviewed content to ensure there is no bias.

Planning committee reviewed content to ensure there is no bias.

Content will not include any discussion of the unlabeled use of a product or a product under investigational use.

CDC did not accept commercial support for this continuing education activity.

In order to receive continuing education (CE) for WB2948–Self Study Modules on Tuberculosis (Modules 6–9) please visit [TCEO](#) and follow these [9 Simple Steps](#) before January 22, 2022.

- Complete the activity
- Complete the Evaluation at <http://www.cdc.gov/GetCE>
- Pass the posttest at 70% at <http://www.cdc.gov/GetCE>

**FEES:** No fees are charged for CDC's CE activities.

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## Other TB Education and Training Materials

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### ***CDC TB Education and Training Materials—*** [www.cdc.gov/tb](http://www.cdc.gov/tb)

Please visit the CDC Division of Tuberculosis Elimination’s website for information on other available CDC–produced TB education and training materials.

### ***The Find TB Resources Website—*** <https://findtbresources.cdc.gov>

This site includes a searchable database of materials from numerous national and international organizations. This website is intended for use by TB and other health care professionals, patients, and the general public.

### ***TB Centers of Excellence for Training, Education, and Medical Consultation (TB COEs)***

The CDC Division of Tuberculosis Elimination funds four TB Centers of Excellence for Training, Education, and Medical Consultation (TB COEs). The TB COEs are regionally assigned to cover all 50 states and the U.S. territories. The TB COEs support domestic TB control and prevention efforts with a focus on two major activities:

- Increasing human resource development through education and training activities; and
- Increasing the capacity for appropriate medical evaluation and management of persons with TB disease and latent TB infection through medical consultation.

#### **Curry International Tuberculosis Center**

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Website: <http://sntc.medicine.ufl.edu>

### ***COEs TB Training and Education Products Webpage***

**<https://sntc.medicine.ufl.edu/rtmccproducts.aspx>**

This webpage includes all educational materials developed by the CDC-funded TB COEs. Resources include print, video, and webinars.

## **Additional Questions**

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For additional information on TB, visit the CDC Division of Tuberculosis Elimination's website at [www.cdc.gov/tb](http://www.cdc.gov/tb). If you have additional questions, you may also contact CDC-INFO at <http://wwwn.cdc.gov/dcs/RequestForm.aspx>.

If you have questions on state-specific TB guidelines, please contact your state TB control office. A list of state TB control offices can be found on the CDC Division of Tuberculosis Elimination's website at [www.cdc.gov/tb/links/tboffices.htm](http://www.cdc.gov/tb/links/tboffices.htm).

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