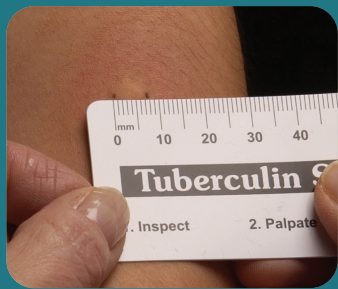




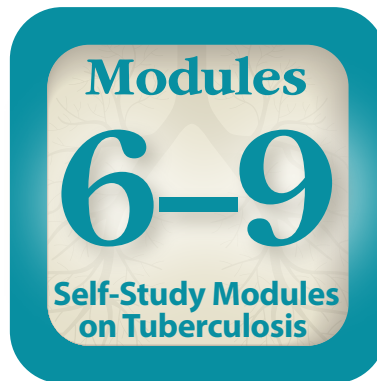
Self-Study Modules on Tuberculosis



Modules
6-9

Introduction



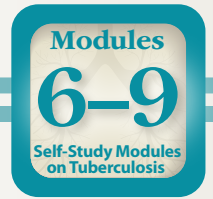


Introduction

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

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

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

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

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

Module 6: Managing TB 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

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: Diagnosis of Tuberculosis Infection and Disease
- Module 4: Treatment of Tuberculosis Infection and 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

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/.

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/tb.aspx>.

Continuing Education

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 Self-Study Modules on Tuberculosis, 6–9.

Origination Date: September 26, 2013

Expiration Date: September 26, 2015

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 (CDC) is accredited by the Accreditation Council for Continuing Medical Education (ACCME®) to provide continuing medical education for physicians.

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

CNE: The CDC 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 CDC has been approved as an Authorized Provider by the International Association for Continuing Education and Training (IACET), 1760 Old Meadow Road, Suite 500, McLean, VA 22102. The CDC is authorized by IACET to offer 0.6 ANSI/IACET CEU's for this program.

CECH: Sponsored by the CDC, a designated provider of continuing education contact hours (CECH) in health education by the National Commission for Health Education Credentialing, Inc. This program is designed 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 **GA0082**.

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, and content experts 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.

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

CDC does not accept commercial support.

Online Registration and Test

To receive continuing education, you must register for this specific course and submit an evaluation at the CDC Training and Continuing Education Online website.

- Go to www2a.cdc.gov/TCEonline
- Log in as a participant. (*Note: If you are a first-time user of this online system, you will need to log in as a new participant and create a participant profile.*)
- When you receive your reset password by e-mail, log in as a participant and change the password.
- At Participant Services, click on Search and Register, type a keyword from the course title into the keyword search, such as “TB,” and click View. You can also find the course by typing in the course number. The course number for this activity is **SS1808**.
- Click on the title, *Self-Study Modules on Tuberculosis, 6–9*, select the type of credit/contact hours you wish to receive at the bottom, and click Submit.
- Verify the demographic information and click Submit at the bottom.
- Complete the course evaluation.
- Complete the course posttest.

- At Participant Services, click on Certificates and Transcripts and print your continuing education certificate.

For assistance with the online system, call 1(800)-41-TRAIN Monday through Friday from 8:00 AM to 4:00 PM Eastern Standard Time, or e-mail ce@cdc.gov.

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Other TB Education and Training Materials

- ***CDC TB Education and Training Materials***— 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***— www.findtbresources.org
This site includes a searchable database of materials from numerous national and international organizations. The site also includes information about other TB organizations, how to order materials, and funding opportunities. This website is intended for use by TB and other health care professionals, patients, and the general public.

■ ***TB Regional Training and Medical Consultation Centers (RTMCCs)***

The CDC Division of Tuberculosis Elimination funds five TB Regional Training and Medical Consultation Centers (RTMCCs). The RTMCCs are regionally assigned to cover all 50 states and the U.S. territories. The primary purpose of the RTMCCs is to

- Provide training and technical assistance to increase human resource development in TB programs;
- Develop TB educational materials; and
- Provide medical consultation to TB programs and medical providers.

Curry International Tuberculosis Center

300 Frank H. Ogawa Plaza, Suite 520
Oakland, CA 94612-2037
Phone: 510-238-5100
Fax: 415-502-4620
Email: CurryTBcenter@ucsf.edu
Website: www.currytbcenter.ucsf.edu

Heartland National Tuberculosis Center

2303 SE Military Drive
San Antonio, TX 78223-3542
Phone: 800-TEX-LUNG (800-839-5864)
Fax: (210) 531-4500
Website: www.heartlandntbc.org

Mayo Clinic Center For Tuberculosis

Centerplace Building 05
200 First St. SW
Rochester, MN 55905
Phone: 855-360-1466 (toll-free)
Email: tbcenter@mayo.edu
Website: <http://www.mayo.edu/tuberculosis-center>

New Jersey Medical School Global Tuberculosis Institute at Rutgers

225 Warren Street
Second Floor East Wing
Newark, NJ 07103
Phone: (973) 972-3270
Fax: (973) 972-3268
Information Line: (800) 4TB-DOCS (482-3627)
Website: <http://globaltb.njms.rutgers.edu/index.html>

Southeastern National Tuberculosis Center

2055 Mowry Road
Gainesville, FL 32611
Mailing Address:
PO Box 103600
Gainesville, FL 32610-3600
Phone: (352) 265-7682
Fax: (352) 265-7683
Website: <http://sntc.medicine.ufl.edu/>

- ***RTMCCs TB Training and Education Products Webpage—***
<https://sntc.medicine.ufl.edu/rtmccproducts.aspx>

This webpage includes all educational materials developed by the CDC-funded RTMCCs. Resources include print, audiotape, videotape, CD-based tools, and MP3 files.

Additional Questions

For additional information on TB, visit the CDC Division of Tuberculosis Elimination's website at www.cdc.gov/tb. If you have additional questions, you may also contact CDC-INFO at cdcinfo@cdc.gov.

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.

