



Using Your Detective Skills to Educate TB Clients

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Learning Objectives

- Know where to find resources for TB education
- Identify key components of TB client education
- Gain knowledge about effective training/education
- Enhance education skills through group activity



Where Do You Look?





Centers for Disease Control and Prevention (CDC)

- www.cdc.gov/tb
- Guidelines
- Fact sheets
- Surveillance information
- Ordering publications



CDC TB Guidelines and Recommendations

- Current CDC guidelines and recommendations for the detection, treatment, and care of TB:
 - include recommendations of the Advisory Council for the Elimination of TB (ACET).
 - several are joint statements prepared by the CDC and the American Thoracic Society.

<http://www.cdcnpi.org/scripts/tb/cdc.asp>



CDC Guidelines By Category

- Control and Elimination
- Diagnosis
- HIV/AIDS
- Infection Control
- MDR TB
- Testing
- Treatment
- Vaccines



CDC Self-Study Modules on TB

<http://www.cdc.gov/tb/education/ssmodules/default.htm>

- Series of educational modules; provide information about TB in a self-study format:
 - Nine modules, separated into two courses.
 - Modules 1-5: basic information on TB.
 - Modules 6-9: more specific TB programmatic information



Self-Study Modules 1 - 5

- [Introduction](#) (PDF - 150KB)
- [Module 1: Transmission and Pathogenesis of Tuberculosis](#) (PDF - 1.3MB)
- [Module 2: Epidemiology of Tuberculosis](#) (PDF - 490KB)
- [Module 3: Targeted Testing and the Diagnosis of Latent Tuberculosis Infection and Tuberculosis Disease](#) (PDF - 704KB)
- [Module 4: Treatment of Latent Tuberculosis Infection and Tuberculosis Disease](#) (PDF - 1MB)
- [Module 5: Infectiousness and Infection Control](#) (PDF - 1MB)





CDC Self-Study Modules - TB

- **Self-Study Module 9: Patient Adherence to Tuberculosis Treatment**
- **Table of Contents**
- [Background](#)
- [Objectives](#)
- [New Terms](#)
- Reading Material
- [Patient Adherence to TB Treatment](#)
- [Case Management](#)
- [Educating the Patient](#)
- [Working with an Interpreter](#)
- [Using DOT to Improve Adherence](#)
- [Using Incentives and Enablers to Improve Adherence](#)
- [Improving Adherence with Children and Adolescents](#)
- [Problem Solving](#)
- [Legal Remedies](#)

<http://www.cdc.gov/tb/education/ssmodules/module9/ss9contents.htm>



Find TB Resources

www.findtbresources.org

- Search for TB education and training materials
- Get information about TB organizations
- Find out about upcoming events
- Sign up for TB-related Electronic Mailing List and digests
- Locate TB images and TB-related web links
- Find out about the TB Education & Training Network (TB ETN)





Regional Medical Consultation and Training Centers

- Southeastern National TB Center
 - <http://sntc.medicine.ufl.edu/>
- Francis J. Curry National TB Center
 - <http://www.nationaltbcenter.edu/>
- Heartland National TB Center
 - <http://www.heartlandntbc.org/>
- Northeast National TB Center
 - <http://www.umdj.edu/globaltb/home.htm>



RTMCCs' TB Training and Education Products

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

- Lists and provides access to the educational materials developed by all the CDC-funded TB Regional Training and Medical Consultation Centers (RTMCCs).
- Includes print, audiotape, videotape, CD-based tools, and MP3 files.
- Directory provides title, brief description, publication date, and a link to the product.



SNTC's Country Guides

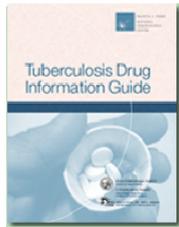
<https://sntc.medicine.ufl.edu/Files/Products/Intro.pdf>





Curry Center: TB Drug Guide

- Derived from Drug-Resistant Tuberculosis: A Survival Guide for Clinicians (2nd edition)
- Useful for physicians, nurses, pharmacists who participate in management of clients with TB or LTBI



<http://www.nationaltbcenter.edu>



Do You Know . . .

- Where to find the VDH TB website?
- Where to find the Patient Education Service Plan?
- How to use the Patient Education Service Plan?



VDH TB Control Website

<http://www.vdh.virginia.gov/epidemiology/DiseasePrevention/Programs/Tuberculosis/>

Tuberculosis Control and Prevention

- The purpose of the Tuberculosis Control and Prevention Program is to control, prevent, and eventually eliminate tuberculosis (TB) from the Commonwealth of Virginia. . . Detect every case of TB in Virginia, assure every case is adequately and completely treated, and prevent transmission of TB in communities.



VDH TB Control Website

- News
- Policies
- Forms
- Epidemiology
- Patients
- MD & RN
- TB Links
- Staff
- Video Conference Program



VDH TB Control Website

Tuberculosis News

2010 Country Exception List

IGRAs

Statistics

2010 TB Training Update

Acid Fast Blast



Web Sites- TB Control (1)

<http://www.vdh.virginia.gov/epidemiology/DiseasePrevention/Programs/Tuberculosis/index.htm>

- Policies
 - VA TB Laws Guidebook
 - Emergency Detention Procedures
 - HIP Guidebook
 - Standards of Care
 - Contact Investigation Guidelines and Forms
 - Links to VDH Nursing Directives and Guidelines for TB



Web Sites- TB Control (2)

<http://www.vdh.virginia.gov/epidemiology/DiseasePrevention/Programs/Tuberculosis/index.htm>

- Forms
 - Medical record forms
 - Contact Investigation forms
 - Interjurisdictional forms
 - Risk assessment form
 - Screening report forms
 - Isolation form for patients
 - DOT agreement for patients



Web Sites- TB Control (3)

<http://www.vdh.virginia.gov/epidemiology/DiseasePrevention/Programs/Tuberculosis/index.htm>

- Patients
 - 7 pamphlets developed by TB Control & VDHNC
 - Available in 15 languages in print version
 - Available in 9 languages in multimedia/audio form
 - Limited topics/languages in mobile web format
 - Versions for new mobile phones available
- Fact sheets
- Links to other sites
 - Ethnomed
 - Minnesota Health Department



Web Sites- TB Control (4)

<http://www.vdh.virginia.gov/epidemiology/DiseasePrevention/Programs/Tuberculosis/index.htm>

- Links
 - Southeastern National TB Center – our regional medical consultation and training center
 - Centers for Disease Control and Prevention
 - World Health Organization



Forms - 1

- Medical Records
- Monthly Clinical Assessment
- TB Service Plans



Forms - 2

- **Medical Records**
 - [Bacteriology Flow Sheet \(Sample\)](#)
 - [Clinician Progress Notes #1 - NEW](#)
 - [Clinician Progress Notes #2 - NEW](#)
 - [Contact Investigation Form](#)
 - [DOT Agreement](#)
 - [DOT Log \(Sample\)](#)
 - [Guidelines for Using the TB Medical Record and Completing the Forms](#)
 - [Medication List \(Sample\)](#)
 - [Vision and Hearing Monitoring](#)
 - [Patient Isolation Instructions](#)
 - [TB Clinic Record \(Sample\)](#)
 - [TB and Health Assessment/History](#)
 - [TB Intake Sheet](#)



Forms - 3

Monthly Clinical Assessment

[Case/Suspect](#)

[LTBI](#) | [\(Sample\)](#)

[Joint](#) | [\(Sample\)](#)

[LTBI](#) - Landscape (9 month version)

TB Service Plans

[Master](#) [MS Word]

[Case/Suspect](#) [MS Word]

[LTBI](#) [MS Word]

[Contact](#) [MS Word]



VDH - Tuberculosis Service Plan

- Name _____ WebVision# _____
- DOB _____ ICD 9# _____
- **Goal:** Reduce morbidity and transmission within the community
- **Objective:** Identified case/suspect complete treatment plan and follow-up within time frames



Tuberculosis Service Plan

- Medical diagnosis affecting health status:
 - Active TB disease
 1. Assess medical history
 2. Evaluate status
 3. Diagnostic exams

Patient education is #11

<http://www.vdh.virginia.gov/epidemiology/DiseasePrevention/Programs/Tuberculosis/Forms/documents/SPMast.doc>



Patient Education

- What key areas do you think are covered here?



Patient Education

- a. Difference between TB disease/infection
- b. Signs/symptoms
- c. TB is treatable and preventable
- d. Importance of completion of treatment
- e. Diagnostic procedures, testing and follow up



Patient education, con't

- f. Current medical treatment plan
- g. Need for regular monitoring and follow up; encourage patient participation
- h. Roles: patient, health department, private provider
- i. Risk of treatment relapse
- j. Signs/symptoms of possible relapse



What are the Roles?

- Patient's role:

- Health department role:

- Private provider role:



Nurse/ORW Role

- Provide:
- Medication
 - Education
 - Social support
 - What else?



Client Interaction

- Do you use more questions or statements?



Open-ended Questions

- What are some questions you would ask:
 - Newly diagnosed client?
 - Client not taking medications?
 - Client not revealing contacts?



Open-ended Questions - 2

- What do you know about TB?
- What causes TB?
- How serious do you think your illness is?
- Why do you think you got sick?
- What do you fear about your illness?
- How do your friends and family feel about your TB?



Open-ended Questions - 3

- How do you feel about taking your TB medicines?
- What are some problems you have taking medicine?
- Who are the people that you have close contact with every day?
- Where can we find these people to offer them a free test for TB?



Key Messages

- Importance/benefit of taking medications
- Ways to make it easier for patient to take medications
- TB can be cured if client sticks to treatment



Effective Communications

- What do you think is most important to keep in mind when talking to clients about TB?



Effective Communications

- Use simple, nonmedical terms
- Use right language level
- Limit the amount of information
- Discuss most important topics first and last
- Repeat important information
- Listen to feedback and questions
- Use examples
- Make it a positive experience for the client



Group Activity
