

TB Basics and Patient-Centered Care



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AGENDA

All times are listed in Pacific Standard Time

- | | |
|----------------|--|
| 12:30-12:35 PM | Welcome and Introductions

Presented by: Cherie Stafford, MSN, MPH, Nurse Coordinator with the TB Control Program, Arizona Department of Public Health

Guest lecture by: Jacqueline Cuen, MS, Former TB Patient and Advocate

Curry TB Center Moderator: Lisa True, RN, MS, Nurse Consultant |
| 12:35-1:30 PM | TB Transmission, Pathogens, and Classifications |
| 1:30-1:45 PM | Dr. Kelly Holland video |
| 1:45-2:10 PM | Former TB Patient Story |
| 2:10-2:30 PM | Wrap-up and Closing |

LEARNING OBJECTIVES



By the end of this training, participants will be able to:

- list the three priority strategies that the Centers for Disease Control and Prevention recommends for public health agencies to implement in order to control and prevent tuberculosis (TB)
- identify several characteristics that distinguish active TB disease from latent TB infection (LTBI)
- appropriately apply the American Thoracic Society (ATS) TB classifications
- apply insights gained upon hearing the journey through diagnosis and treatment from a TB survivor to improve delivery of TB care to patients in their setting
- provide information on peer support groups such as We Are TB for persons undergoing tuberculosis treatment in their setting

TB NURSE CASE MANAGEMENT CORE COMPETENCIES

This module supports the TB case manager's development of the following core competencies:

DOMAIN 1: Assessment & analytical skills - *Essential knowledge & clinical skills:*

- Determine risk factors for TB exposure, infection and progression to TB disease
- TB transmission & pathogenesis
- Differences b/w TB disease and TB infection including diagnostic criteria
- TB classification systems

DOMAIN 3: Education and communication

- To provide emotional support, the TB NCM should: - provide education, emotional support, encouragement and resources throughout the course of isolation and treatment
- The TB NCM should provide or facilitate HC Provider education when needed

ATS CLASSIFICATION SYSTEM FOR TUBERCULOSIS

TB Class	Type	Description
0	No TB exposure- Not infected	<ul style="list-style-type: none"> No history of TB exposure and no evidence of <i>M. tuberculosis</i> infection or disease Negative reaction to TST or IGRA
1	TB exposure- No evidence of infection	<ul style="list-style-type: none"> History of exposure to <i>M. tuberculosis</i> Negative reaction to TST or IGRA (test given at least 8-10 weeks after exposure)
2	TB infection- No TB disease	<ul style="list-style-type: none"> Positive reaction to TST or IGRA Negative bacteriological studies (smear and cultures) No clinical or radiographic evidence of active TB disease
3	TB disease clinically active	<ul style="list-style-type: none"> Positive culture for <i>M. tuberculosis</i> OR Positive reaction to TST or IGRA, plus clinical, bacteriological, or radiographic evidence of current active TB disease
4	Previous TB disease (not clinically active)	<ul style="list-style-type: none"> May have past medical history of TB disease Abnormal but stable radiographic findings Positive reaction to the TST or IGRA Negative bacteriologic studies (smear and cultures) No clinical or radiographic evidence of current active TB disease
5	TB disease suspected	<ul style="list-style-type: none"> Signs and symptoms of active TB disease, but medical evaluation not complete

From Centers for Disease Control and Prevention. Table 1.8: TB Classification System. In: Chapter 1: transmission and pathogenesis of tuberculosis. *Core Curriculum on Tuberculosis: What the Clinician Should Know*. Atlanta, GA: 2021:21.

RESOURCES ON TUBERCULOSIS (TB)

Centers for Disease Control and Prevention (CDC) Division of Tuberculosis Elimination (DTBE)

Guidelines: <https://www.cdc.gov/tb/hcp/clinical-guidance/index.html>

Online Courses:

Self-Study Modules on Tuberculosis:

<https://www.cdc.gov/tb/hcp/education/self-study-modules-on-tuberculosis.html>

Core Curriculum on Tuberculosis: What the Clinician Should Know:

<https://www.cdc.gov/tb/hcp/education/core-curriculum-on-tuberculosis.html>

Curry International Tuberculosis Center (CITC)

Medical Consultation Warmline: <https://www.currytbcenter.ucsf.edu/consultation>

877-390-6682 (toll-free)

Warmline inquiries can also be sent to the CITC email address: currytbcenter@ucsf.edu

8:00 AM to 4:30 PM (Pacific Time), Monday through Friday (excluding holidays).

Voicemail is available to record incoming messages 24 hours a day, 7 days a week.

Online Products: <https://www.currytbcenter.ucsf.edu/products>

(selected highlights only—check the web page for the full list)

- *Tuberculosis Infection Control: A Practical Manual for Preventing TB (currently undergoing revision)*

Online Courses & Presentations: <https://www.currytbcenter.ucsf.edu/trainings>

(selected highlights only—check the web page for the full list)

- *Practical Solutions for TB Infection Control: Infectiousness and Isolation*
- *Tuberculosis Radiology Resource Page*

Archived Webinars: <https://www.currytbcenter.ucsf.edu/trainings/webinar-archive>

Classroom Trainings: <https://www.currytbcenter.ucsf.edu/trainings>

National Tuberculosis Controllers Association (NTCA)

Tuberculosis Nurse Case Management: Core Competencies
<http://www.tbcontrollers.org/resources/core-competencies/tb-nurse-case-manager/>

California Tuberculosis Controllers Association (CTCA)

California Department of Public Health/CTCA Joint Guidelines:
<https://ctca.org/guidelines/cdph-ctca-joint-guidelines/>

CTCA Directory: <https://ctca.org/wp-content/uploads/CTCA-Directory.pdf>

CTCA Peer Support: <https://ctca.org/peersupport/>

WeAreTB: <https://www.wearetb.com/>

Peer Support Navigator, Jackie Cuen ([postcard](#)), asks Dr. Catanzaro about TB:
<https://ctca.org/peersupport/interview-with-dr-cantanzaro-2021/>