

TB Case Management and Contact Investigation Intensive: Advanced Topics



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AGENDA

All times are listed in Pacific Standard Time

Time	Topic	Presenter
Morning Session: Clinical Updates: New Regimens and Pediatric TB		
9:00 – 9:05	Welcome + Introductions	Colleen Hoehn, BSN, MPH Lisa True, RN, MS
9:05 – 10:05	4 Month Rx for Active TB	Ally Phillips, DNP, APRN, NP-C
10:05 – 11:05	BPaL/M: What the Nurse Case Manager Needs to Know	Colleen Hoehn, BSN, MPH Lisa True, RN, MS
11:05 – 11:15	<i>Break (10 min)</i>	
11:15 – 12:15	Pediatric TB	Ann Loeffler, MD
12:15 – 1:15	<i>Lunch (60 min)</i>	
Afternoon Session: Programmatic: Contact Investigations and Training and Retaining Nurses		
1:15 – 2:15	A Complicated CI: Lessons Learned	April Brewer, BSN, RN, PHN Eli Sachse, RN, PHN Camille Dollinger, MS
2:15 – 2:25	<i>Break (10 min)</i>	
2:25 – 3:45	Training and Retaining Nurses in TB	Krystal Liang, RN, PHN Angie Miner, RN, PHN, MAS Jenny Vargas, BSN, RN, PHN, CCM
3:45 – 4:00	Q&A / Wrap Up	Colleen Hoehn, BSN, MPH Lisa True, RN, MS

LEARNING OBJECTIVES



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

- describe the 4-month rifampin-moxifloxacin short course regimen
- describe which patients the regimen is recommended for and who may best benefit from the regimen
- identify common side effects associated with the regimen and how to monitor
- describe who can be treated with the BPaL/M regimen
- identify common adverse reactions to medications
- learn how to monitor for side effects
- understand the nuances of diagnosing pediatric tuberculosis
- recognize the value of expeditious evaluation of pediatric contacts
- list options for TB treatment and drug administration in pediatric TB
- examine the possible causes of clinical or radiographic worsening in children with TB
- explain the criteria for expanding a Contact Investigation
- define TB Outbreak
- become familiar with cultural competency among Hmong and Asian families
- identify strategies for addressing nurse retention
- describe potential benefits of having a dedicated contact investigation team
- develop effective training plans, techniques, and strategies for new and existing public health nurses specializing in tuberculosis

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

Screening and Testing for TB:

- Identify groups that have a high risk for TB exposure and progression to TB disease
- Know TB test methods: when it is appropriate to test, which test to use, and the rationale for the test selection

TB Disease Treatment:

- Identify available TB treatment regimens
- Have knowledge of TB treatment regimens recommended for specific situations or conditions
- Monitor for adverse drug reactions
- Identify abnormal laboratory findings and when to refer the patient for further evaluation
- Provide treatment using directly observed therapy (DOT)
- Evaluate and document the clinical response to treatment

TB Transmission Mitigation in Community Settings:

- Adhere to established principles of contact investigations

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Supplemental Material

- Balance patient rights and public health authority
- Utilize community and programmatic resources

Clinical Evaluation Knowledge:

- Physical and risk TB assessment
- Evaluation of persons potentially exposed to infectious TB
- Rationale for laboratory test selection and evaluation of results

Knowledge of TB Treatment and Medication Administration

- Identify recommended TB disease and TB infection treatment regimens
- Be familiar with specific monitoring requirements for individual drugs
- Recognize medication contraindications and adverse drug reactions

Knowledge of TB Infection

- Individual risk of disease progression
- Identification of barriers to treatment

DOMAIN 2: Program Planning

- Collect and analyze data linked to patient outcomes and use findings to improve service delivery and program efficiencies

DOMAIN 4: Cultural Humility

- Acquire knowledge about the practices and beliefs of the individual and the individual's culture

RESOURCES ON TUBERCULOSIS (TB)

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

Guidelines for the Investigation of Contacts of Persons with Infectious Tuberculosis
Recommendations from the National Tuberculosis Controllers Association and CDC

<https://www.cdc.gov/mmwr/pdf/rr/rr5415.pdf>

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*)

- Drug-Resistant TB Survival Guide:
<https://www.currytbcenter.ucsf.edu/products/cover-pages/drug-resistant-tuberculosis-survival-guide-clinicians-3rd-edition>
- Nursing Side Effect Guide:
<https://www.currytbcenter.ucsf.edu/products/view/nursing-guide-managing-side-effects-drug-resistant-tb-treatment>

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

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

National Tuberculosis Controllers Association (NTCA)

A 4-Month Regimen to Treat Pulmonary Tuberculosis: Isoniazid, Rifapentine, Moxifloxacin, and Pyrazinamide (HPMZ): https://www.tbcontrollers.org/docs/resources/4-Month-HPMZ-TB-Regimen_NTCA-Provider-Guidance.pdf

NTCA Bedaquiline Access: <https://www.tbcontrollers.org/resources/bdq-access/>

California Tuberculosis Controllers Association (CTCA)

Evaluation of Children Exposed to Infectious Tuberculosis (TB): Recommendations for Pediatric Primary Care:

<https://www.cdph.ca.gov/Programs/CID/DCDC/CDPH%20Document%20Library/Evaluation-Children-Exposed-Infectious-TB-Pediatricians.pdf>

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

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

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

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