

Tri- State Clinical Intensive
 Indianapolis, IN
 September 28-29, 2017

Program	
September 28	
8:15 – 8:45	Registration
8:45 – 9:00	Welcome, Introductions, and Program Overview – Eric Hawkins, TB Controller
9:00 – 9:45	<p>TB Transmission, Pathogenesis & Infection Control – Bradley Allen, M.D., Ph.D.</p> <ul style="list-style-type: none"> • Describe the pathogenesis of <i>M. tuberculosis</i> • Explain how drug-resistant TB disease develops • Describe the components of an effective infection control program • Explain administrative, engineering controls, and respiratory protection • Describe ways healthcare workers can protect themselves and others from being infected with <i>M. tuberculosis</i> • Explain how <i>M. tuberculosis</i> is transmitted
9:45 – 10:10	Break
10:00 – 10:45	<p>Diagnosis of Active TB – Deborah McMahan, M.D.</p> <ul style="list-style-type: none"> • Describe use of TST • Describe use of IGRA testing • Review diagnosis guidelines for Active TB
10:45-11:45	<p>Radiology – Dr. Dana Kissner</p> <ul style="list-style-type: none"> • Identify the major structures on a normal chest x-ray • Identify major chest x-ray abnormalities commonly seen in TB
11:45 – 1:00	Lunch – On your own
1:00 - 2:00	<p>Treatment of Pulmonary TB – Eva Muloma, M.D.</p> <ul style="list-style-type: none"> • Describe the current guidelines for the treatment of pulmonary TB disease • Explain the evidence that underlies the key portions of the guidelines
2:00-2:45	<p>Adverse Drug Reactions – John Zeuli, Pharm.D., R.Ph.</p> <ul style="list-style-type: none"> • Describe the common adverse reactions to TB treatment regimens • Explain how to manage adverse reactions to TB treatment regimens
2:45-3:00	Break
3:00-3:45	<p>Diagnosis & Treatment of Latent TB Infection – Pamela B. Hackert, M.D., JD, MPH</p> <ul style="list-style-type: none"> • Describe the current guidelines for LTBI treatment • Describe monitoring recommendations for patients on LTBI treatment • Review management strategies for TB patients with co-morbid conditions (e.g., HIV/AIDS) • Review treatment and management strategies for certain populations (e.g., children)
3:45-4:30	<p>XDR Case Study – Crystal Jones, M.D.</p> <ul style="list-style-type: none"> • Apply transfer of knowledge of Extensively Drug-Resistant Tuberculosis (XDR TB) to a clinical case
4:30	Adjourn

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September 29	
8:00 – 8:15	Sign in
8:15 – 8:30	Review / Q&A
8:30 – 9:15	Epidemiology of Tuberculosis - Kelly White, MPH, CPH <ul style="list-style-type: none"> • Review epidemiology of TB for Indiana, Michigan, and Ohio • Describe the TB epidemic in terms of susceptible groups • Describe major factors that will affect future trends in TB
9:15-10:00	Extra pulmonary TB – Shu-Hua Wang, M.D., MPH, TM <ul style="list-style-type: none"> • Identify how the traditional patterns of extra pulmonary vs pulmonary TB are changing • Review the challenges in diagnosis with extra pulmonary disease • Review the challenges in case management with extra pulmonary disease
10:00-10:15	Break
10:15-11:00	Pediatric TB - John Christenson, M.D. <ul style="list-style-type: none"> • Describe the epidemiology of pediatric TB in the US • Describe the clinical presentation of TB in children • Describe treatment regimens for pediatric LTBI and active TB
11:00-11:45	eDOT Therapy – Helen Townsend, MPH, BSN, RN, Kristin Zielinski, RN, PHN <ul style="list-style-type: none"> • Describe the methods used for Electronic Direct Observed Therapy in the management and treatment of TB
11:45-12:15	Clinical Case Discussion – <ul style="list-style-type: none"> • Indicate transfer of knowledge of tuberculosis testing, diagnosis, and treatment to a clinical case
12:15-12:30	Resource Review/ Wrap-Up and Adjourn – Cindy Hafferty