



	Program Schedule
November 13	
7:45 – 8:15	Registration
8:15 – 8:30	Welcome and Program Overview/Pre-Test – <i>Stacey Rizza, M.D., John Wilson, M.D. & Zelalem Temesgen, M.D.</i>
8:30 – 8:45	Epidemiology of Tuberculosis – <i>Dzung Thai, M.P.H</i> <ul style="list-style-type: none">• Describe the TB epidemic in terms of susceptible groups• Describe major factors that will affect future trends in TB
8:45 – 9:30	TB Pathogenesis – <i>Stacey Rizza, M.D.</i> <ul style="list-style-type: none">• Describe the pathogenesis of <i>M. tuberculosis</i>
9:30 – 10:15	TB Transmission & Infection Control – <i>E. Ann Misch, M.D.</i> <ul style="list-style-type: none">• Explain how drug-resistant TB disease develops• Describe the components of an effective infection control program• Explain administrative, engineering controls, and respiratory protection
10:15 – 10:30	Break
10:30 – 11:15	Targeting Testing and Diagnosis of LTBI Infection – <i>Jeremy Clain, M.D.</i> <ul style="list-style-type: none">• Explain Use of TST• Explain use of IGRA testing
11:15 – 12:00	Treatment Options for LTBI – <i>Jeremy Clain, M.D.</i> <ul style="list-style-type: none">• Describe treatment options for LTBI• Review monitoring strategies for TB patients with co-morbid conditions• Describe monitoring recommendations for patients on LTBI treatment
12:00 – 1:15	Lunch
1:15 – 2:00	Laboratory TB Diagnostics – <i>Nancy Wengenack, Ph.D.</i> <ul style="list-style-type: none">• Describe laboratory methods used for the detection, identification, genotyping, and drug susceptibility testing of <i>M. tuberculosis</i>
2:00-3:00	Radiology – <i>Dana Kissner, M.D.</i> <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
3:00-3:15	Break
3:15-4:00	Interesting Cases – <i>Douglas Hornick, M.D.</i> <ul style="list-style-type: none">• Indicate transfer of knowledge of tuberculosis testing, diagnosis, and treatment to a clinical case.
4:00-4:15	Q&A/Post Test
4:15	Adjourn

Program Schedule

November 14	
7:45-8:00	Sign in
8:00 – 8:15	Review / Q&A
8:15-9:00	Treatment of TB – <i>James Sunstrum, M.D.</i> <ul style="list-style-type: none"> • Identify the basic principles of drug resistant TB • Describe the current guidelines for the treatment of TB disease including the newly released CDC guidelines
9:00 – 10:00	TB Drug Toxicity – <i>John Zeuli, Pharm. D.</i> <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
10:00 – 10:15	Break
10:15 - 10:45	TB and Drug Resistance – <i>Dean Tsukayama, M.D.</i> <ul style="list-style-type: none"> • Describe factors responsible for delayed response and/or treatment failure • Describe treatment and management strategies for multidrug-resistant TB
10:45 – 11:15	TB and Biologics – <i>Claudia Dobler, M.D., Ph.D.</i> <ul style="list-style-type: none"> • Describe concept of immunomodulatory drugs (IMiDs) and development of biologics • Review TNF inhibitors • Identify screening recommendations and controversies
11:15-11:45	Interesting TB Cases – <i>John Wilson, M.D.</i> <ul style="list-style-type: none"> • Indicate transfer of knowledge of tuberculosis testing, diagnosis, and treatment to a clinical case.
11:45-1:00	Lunch
1:00-2:00	TB and Diabetes – <i>Richard Brostrom, M.D.</i> <ul style="list-style-type: none"> • Describe the epidemiology of diabetes in the US • Describe the impact of TB on diabetes
2:00-3:00	Mental Health Considerations – <i>Robert Morgan, III, M.D., Ph.D.</i> <ul style="list-style-type: none"> • Describe historical parallels between tuberculosis and mental illness • Identify drug-drug interactions of concern when prescribing medications to treat tuberculosis to patients with mental illness • Identify and manage challenges arising from comorbid mental illness/substance use disorders that patients may face when confronting tuberculosis treatment
3:00-3:15	Break
3:15-4:00	Case Presentation – <i>James Sunstrum, M.D.</i> <ul style="list-style-type: none"> • Indicate transfer of knowledge of tuberculosis testing, diagnosis, and treatment to a clinical case.
4:00-4:15	Resource Review – Jennifer Curran
4:15-4:30	Final Q&A/ Post Test – <i>Stacey Rizza, M.D.</i>