

Tuberculosis Clinical Intensive – Des Moines, IA
 October 16, 2017

Program Schedule		
		Speakers
7:30-8:30	Registration/ Breakfast- Provided by the Iowa Department of Health	
8:30-8:45	Introductions & Course Overview	Allan Lynch Cindy Hafferty
8:45-9:30	TB Transmission, Pathogenesis & Infection Control – <ul style="list-style-type: none"> • Describe how TB is transmitted • Describe the natural history of tuberculosis • Describe how TB causes disease • Describe the components of an effective infection control program 	Jeremy Clain, M.D.
9:30-10:15	Diagnosis of Latent and Active Tuberculosis <ul style="list-style-type: none"> • Explain use of TST and IGRA • Describe laboratory methods used for the detection. Identification, genotyping, and drug susceptibility of <i>M. tuberculosis</i> • Identify major chest x-rays abnormalities commonly seen in TB 	Douglas Hornick, M.D.
10:15-10:30	Break	
10:30-11:15	Treatment of Latent Tuberculosis <ul style="list-style-type: none"> • Describe the current guidelines for LTBI treatment • Describe monitoring recommendations for patients on LTBI treatment 	Douglas Hornick, M.D.
11:15-12:00	Lunch- Provided by the Iowa Department of Health	
12:00-12:30	Iowa TB Survivors Story- Video	Allan Lynch
12:30-1:15	Treatment of Active Tuberculosis <ul style="list-style-type: none"> • Identify the basic principles of treatment for active tuberculosis • Describe the current guidelines for the treatment of TB disease 	Jeremy Clain, M.D.
1:15-1:45	Biologics and Tuberculosis <ul style="list-style-type: none"> • Describe concept of immunomodulatory drugs (IMiDs) and development of biologics • Review TNF inhibitors • Identify screening recommendations and controversies 	Claudia Dobler, MD, Ph.D.
1:45-2:15	Diabetes and Tuberculosis <ul style="list-style-type: none"> • Describe impact of diabetes on TB • Describe impact of TB on diabetes 	Claudia Dobler, MD, Ph.D.
2:15-2:30	Break	
2:30-3:00	Pediatrics and Tuberculosis <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 	Ritu Banerjee, M.D.

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3:00-3:30	Mental Health and Tuberculosis <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	Robert Morgan, M.D., Ph.D.
3:30-4:00	Resource Review, Course Wrap-up	Cindy Hafferty