

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

| Program Schedule | | |
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| | | 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 |