

Program Schedule	
8:00-8:30	Registration
8:30-8:45	Welcome, Introductions, Course Overview, Pre-test Kendall County: Amaal Tokars, Ed. D., Executive Director; Scott Gryder, Board Chair Kane County: Barbara Jeffers, M.P.H., Executive Director; Christopher Lauzen, Board Chair
8:45-9:00	Epidemiology of Tuberculosis – Jennifer Layden, M.D. <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
9:00-9:45	TB Transmission, Pathogenesis & Infection Control – Mahesh C. Patel, M.D. <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
9:45-10:30	Diagnosis of Tuberculosis Disease- Patricia Macias, M.D. <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
10:30-10:45	Break
10:45-11:30	LTBI Treatment – Mahesh C. Patel, M.D. <ul style="list-style-type: none"> Describe the current guidelines for LTBI treatment Describe monitoring recommendations for patients on LTBI treatment
11:30-12:00	Lunch
12:00-12:45	Treatment of TB - Patricia Macias, M.D. <ul style="list-style-type: none"> Identify the basic principles of treatment for TB Describe the current guidelines for the treatment of TB disease including the newly released CDC guidelines
12:45-1:15	Biologics – Claudia Dobler, M.D., Ph.D. <ul style="list-style-type: none"> Describe concept of immunomodulatory drugs (IMiDs) and development of biologics Review TNF inhibitors Identify screening recommendations and controversies
1:15-1:45	Diabetes and TB – Kathleen Ritger, M.D., M.P.H. <ul style="list-style-type: none"> Identify impact of Diabetes Mellitus on TB treatment Describe interactions of TB drugs on Diabetes control Summarize effects of glucose control on TB treatment
1:45-2:00	Break
2:00-2:30	Pediatrics and TB- Patricia Macias, 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
2:30-2:45	Resource Review – Cindy Hafferty, CME Specialist, Mayo Clinic Center for Tuberculosis
2:45-3:00	Post-Test, Course Wrap-up