

2024 IPPA M5 Summit

Pre-Summit Workshop: April 7, 2025

Fundamentals of TB

This foundational session on Tuberculosis (TB) provides an in-depth overview of the disease, including its epidemiology, pathogenesis, diagnosis, and treatment. Participants will gain a comprehensive understanding of the essential concepts in TB prevention and control, from identifying latent and active TB to managing cases in diverse settings.

Overview of TB therapy

This session provides a comprehensive overview of tuberculosis (TB) therapy, including current treatment protocols, medication regimens, and monitoring strategies. Participants will gain insights into first-line and second-line treatments, considerations for drug-resistant TB, and best practices for managing side effects and ensuring patient adherence. The session also covers key public health guidelines and emerging advancements in TB treatment, empowering healthcare providers to deliver effective, evidence-based care for TB patients.

Adverse drug reaction in TB

This session focuses on the identification, management, and prevention of adverse drug reactions (ADRs) in tuberculosis (TB) treatment. Participants will learn about common and severe ADRs associated with first-line and second-line TB medications, including hepatotoxicity, gastrointestinal issues, and skin reactions. The session will cover strategies for monitoring patients, adjusting treatment regimens, and minimizing the impact of ADRs on treatment adherence and patient outcomes. This essential knowledge equips healthcare providers to support safer, more effective TB care.

Communicating with Applicants about Tuberculosis (TB)

Dr Nick Deluca, CDC

This session equips healthcare professionals with effective strategies for discussing tuberculosis (TB) with applicants, particularly in screening and immigration settings. Participants will explore clear, compassionate approaches to explaining TB screening processes, addressing common concerns, and answering questions about treatment options and public health requirements. Emphasis will be placed on culturally sensitive communication, using plain language, and building trust to ensure applicants feel informed and supported. This training aims to improve patient understanding and cooperation in the TB screening and treatment process.

Tuberculosis and Chest Radiograph Interpretation

Dr Harold Keyserling, CDC

This session provides a focused introduction to interpreting chest radiographs for tuberculosis (TB) diagnosis and management. Participants will learn to identify key radiographic signs associated with both active and latent TB, distinguish TB findings from other pulmonary conditions, and apply best practices for accurate interpretation. The session includes case studies

and practical examples to enhance diagnostic skills, supporting healthcare providers in making informed clinical decisions and improving TB patient outcomes.

TB in special populations - Pregnancy, Children, HIV

This session explores the unique challenges and considerations in managing tuberculosis (TB) in special populations, including pregnant individuals, children, and people living with HIV. Participants will gain an understanding of tailored treatment approaches, potential drug interactions, and risk factors specific to these groups. Emphasis will be placed on balancing effective TB management with minimizing risks to both patients and vulnerable populations. This session prepares healthcare providers to deliver comprehensive, individualized care for TB patients in these high-risk groups.

Tuberculosis Case Studies: Practical Applications in TB Management

This interactive session uses real-world case studies to deepen understanding of tuberculosis (TB) diagnosis, treatment, and management. Participants will work through complex cases, analyzing patient history, interpreting diagnostic results, and applying best practices to develop effective treatment plans. Emphasis will be on handling challenges such as drug resistance, co-morbidities, and treatment adherence. This hands-on approach provides valuable experience in problem-solving and decision-making, enhancing participants' skills in managing TB cases across diverse patient scenarios.