



JUNE 18-20 2018

## **CLINICAL TB: A FOCUSED CLINICAL & PUBLIC HEALTH REVIEW FOR HEALTHCARE WORKERS**

New course for 2018 dedicated to the clinical aspects of TB with a focus on Northern Canadian case studies and Canadian immigrant and refugee clinical approaches.

This 3 day course provides a concise review of the clinical and public health aspects of managing TB. It will be of particular interest to healthcare workers and trainees in Canada, or other low TB incidence countries, who are seeking to develop or strengthen their TB management skills. Topics will include TB epidemiology in Canada, latent TB infection, the medical evaluation of potential active TB, diagnosis and management of active TB, TB in children, contact tracing, and outbreak management. Emerging topics and controversies in TB diagnosis and treatment will also be discussed. The course format will be a combination of lectures and interactive case presentations. The course faculty are nurses, public health professionals, and clinicians with expertise in TB management within the Canadian context.

## COURSE DIRECTORS

**Faiz Ahmad Khan**, MD FRCPC MPH

Assistant Professor, Division of Respiratory Medicine, McGill University  
Member, McGill International TB Centre  
Medical Director, Montreal Chest Institute TB Clinic,  
McGill University Health Centre

**James Johnston**, MD FRCPC MPH

Clinical Associate Professor  
Division of Respiratory Medicine, University of British Columbia  
TB Services, BC Centre for Disease Control

## COURSE FACULTY

**Marcel Behr**, MD, MSc – McGill University

**Sarah Brode**, MD, FRCPC, MPH – University of Toronto &  
TB Program, West Park Healthcare Centre, Toronto

**Latoya Campbell**, MDCM – Ungava Tulattavik Health Center,  
Kuujuuaq & Kangiqsuluajjuaq

**Ryan Cooper**, MD, FRCPC, MPH – University of Alberta &  
Provincial TB Program, Alberta Health Services

**Claire Crépeau**, Inf. BScN – Nunavik Regional Board of Health and  
Social Services

**Richard Long**, MD, FRCPC, FCCP – University of Alberta,  
TB Program Evaluation & Research Unit

**Linette McElroy**, RN – TB educator and resource  
development consultant

**Dick Menzies**, MD, MSc – McGill University

**Pamela Orr**, MD, MSc, FRCPC – University of Manitoba &  
Member of the Board, IUATLD

**Elizabeth Rea**, MD, MSc, FRCPC – Toronto Public Health &  
University of Toronto

**Kevin Schwartzman**, MD, MPH – McGill University

**David Zielinski**, MD, FRCPC, FCCP – McGill University

## CONTENT

In Canada and other low tuberculosis (TB) incidence countries, many healthcare professionals complete their training with limited experience in the management of TB infection, disease, and outbreaks. However, certain populations in these countries have an elevated risk of TB, including some Indigenous communities, migrants, and marginalized groups. It is key for clinicians and public health professionals that work with these populations to have strong TB management skills. This course will provide an intensive review of the clinical and public health aspects of managing TB, *with a focus*

*on Canada and other low-incidence countries.* By the end of the course, participants will be able to identify populations at higher risk of TB infection and disease in Canada, diagnose and treat latent TB infection (LTBI), identify and medically evaluate persons with possible active TB, treat active TB, and understand the fundamentals of contact tracing and management. Participants will also strengthen their understanding on the management of TB in special populations and settings, including Indigenous communities and outbreak settings. In addition, emerging topics and controversies in TB and LTBI management will be discussed, such as use of PCR-based diagnostics, whole genome sequencing, interferon gamma release assays, and new drug regimens for TB prevention and treatment. The course format will be a combination of lectures and interactive case presentations.

## OBJECTIVES

Course participants will:

- Learn to manage LTBI in adults and children, including indications for testing, diagnosis, treatment, and monitoring.
- Learn the approach to evaluation of people with possible active TB.
- Learn how to manage active TB in adults and children, including diagnosis, treatment, and monitoring.
- Learn about emerging technologies in diagnosis, treatment and prevention of TB.
- Understand the basics of diagnosis and treatment of drug-resistant TB infection and disease.
- Develop an approach to contact tracing and management.
- Understand issues specific to clinical and public health aspects in special populations.
- Review legal aspects of TB control.
- Understand infection control principles in healthcare settings.

## TARGET AUDIENCE

- Healthcare professionals or trainees (nurses, physicians, public health professionals) involved in screening, diagnosis, or treatment.

## ENROLMENT

Maximum of 40 participants.

**2018 COURSES** To Register: <http://mcgill-idgh.ca/>



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Infectious Diseases and  
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