



Nutrition and Tuberculosis

ONLINE ONLY | MAY 22-24, 2024



Course Director

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Ashna Ashesh



Bharati Kulkarni



Finn McQuaid



Chelsie Cintron



Anura Kurpad



Renuka Jayatissa



Mario Raviglione



Soumya Swaminathan



Jeyashree Kathiresan

Registration: <https://www.mcgill.ca/summerinstitute-globalhealth/>

Course Format: Course will be live to online participants approximately 6:00pm to 9:00pm, Indian Standard Time zone (8:30-11:30am Montreal, EDT time zone) each day. Live content will be recorded and accessible to participants until July 1, 2024.

Target Audience: Students of Global Health, Medicine, Clinicians, Nurses, National TB program managers, TB researchers, nutrition professionals and researchers, TB Champions and advocates from civil society organizations, Health systems implementers and researchers

Course Objectives:

- Understand the complex relation between TB and undernutrition
- Learn about nutritional requirements, anthropometric and clinical assessments including dietary assessment.
- Understand nutritional counseling and its application in the context of tuberculosis.
- Understand management of undernutrition including severe undernutrition in patients with tuberculosis, role of macro and micronutrients
- Discuss recent research on nutritional supplementation in TB care and prevention, and implementation of nutritional care in the field.
- Modeling studies to estimate the effects of nutritional intervention
- Apply this knowledge and skills to care and prevention of TB in their practice and programs.

Session and Faculty		Topic/session (Each session will be of 20 minutes, followed by a Q and A and discussion of 10 min)
Day 1: May 22 (6:00pm to 9:00pm, IST (8:30-11:30am Montreal, EDT time zone))		
1.	Anurag Bhargava	TB and Nutrition: The big picture and historical Overview
2.	Ashna Ashesh	Survivor perspectives: Nothing about us without us and sharing of stories from the participants
3	Anura Kurpad	Nutritional requirements in patients with health TB disease
4	Madhavi Bhargava	Nutritional assessment: anthropometry and clinical
5	Renuka Jayatissa	Nutritional assessment: dietary and biochemical
Wrap up discussion		
Day 2: May 23 (6:00pm to 9:00pm, IST (8:30-11:30am Montreal, EDT time zone))		
1.	Anurag Bhargava	Implications of undernutrition in patients with TB and current guidelines
2.	Chelsie Cintron	Micronutrients and TB care and prevention: current evidence
3.	Bharati Kulkarni	Management of severe undernutrition in TB with learnings from SAM management in children
4.	Madhavi Bhargava	Nutrition Counselling: an important enabler
Wrap up discussion		
Day 2: May 23 (6:00pm to 9:00pm, IST (8:30-11:30am Montreal, EDT time zone))		
1.	Anurag and Madhavi Bhargava	RATIONS trial: Evidence for nutrition integration in TB prevention and care efforts to END TB
2.	Finn McQuaid	Modelling the effects of nutrition intervention in TB care
3.	Panel Discussion	Brainstorming: Where do we go from here Mario Raviglione, Soumya Swaminathan, Jeyashree Kathiresan, Anurag Bhargava, , Expert from South Africa
Wrap up discussion and Feedback session		

Enrolment: Limited to 50 participants online