



ASTMH Clinical Pre-Meeting Course:

Where Flatworms Roam: Controversies and Updates in Management of Neurocysticercosis and Echinococcus

Tuesday, November 10, 2020: 7:45 am – 4 pm EST

Virtual

(all times are in Eastern Standard Time)

This one-day session will go beyond the basics of the diagnosis, imaging and management of both cestodes and larval cestodes. Expert speakers will present updates and explore controversies in diagnosis and management, unusual manifestations and imaging challenges. Imaging presentations will focus on understanding the differential diagnosis of suspicious lesions. Uncommon cestode infections also will be discussed, including alveolar hydatidosis, sparganosis and coenurosis. Sessions will be highly interactive with opportunities for active audience participation and discussion with the experts.

Course Co-Chairs

Christina Coyle, MD, MS, Office of Faculty Development, Albert Einstein College of Medicine, Bronx, New York, USA

Michael Libman, MD, Faculty of Medicine, Department of Infectious Diseases, McGill University, Montréal, Quebec, Canada

7:45 a.m. – 8 a.m.

Introduction

Christina Coyle, MD, MS, Office of Faculty Development, Albert Einstein College of Medicine, Bronx, New York, USA

Michael Libman, MD, Faculty of Medicine, Department of Infectious Diseases, McGill University, Montréal, Quebec, Canada

8 a.m. – 8:30 a.m.

Taeniasis, Nature's Hermaphroditic Freight Train

Michael Libman, MD, Faculty of Medicine, Department of Infectious Diseases, McGill University, Montréal, Quebec, Canada

8:30 a.m. – 9:15 a.m.

Cystic Echinococcosis: The Clinical Approach

Thomas Junghanss, MD, Professor (apl), Clinical Tropical Medicine Unit, Centre for Infectious Diseases, Heidelberg University Hospital, Heidelberg, Germany

- 9:15 a.m. – 10 a.m. **Ultrasound Staging for Echinococcus**
Enrico Brunetti, MD, Associate Professor, Department of Infectious Disease, University of Pavia, Pavia, Italy
- 10 a.m. – 10:45 a.m. ***Echinococcus multilocularis***
Bruno Gottstein, PhD, Faculty of Medicine and Professor of Immunoparasitology, Institute for Infectious Diseases, University of Bern, Bern, Switzerland
- 10:45 a.m. – 11 a.m. Break
- 11 a.m. – 11:45 a.m. **Challenging Echinococcal Clinical Cases: Panel Discussion**
Moderator: Christina Coyle, MD and Michael Libman, MD
Participants: Thomas Junghans, MD, Enrico Brunetti, MD, Bruno Gottstein, PhD
- 11:45 a.m. – 12:15 p.m. Lunch Break
- 12:15 p.m. – 1 p.m. **Overview of Neurocysticercosis & Approach to Parenchymal Disease**
Hugo Garcia, MD, PhD, Professor, Institute of Neurological Sciences and University Peruana Cayetano Heredia, Lima, Peru
- 1 p.m. – 1:30 p.m. **Neurocysticercosis: An Overview of Calcified Disease**
Javier Bustos, MD, MPH, PhD, Department of Microbiology, School of Sciences and Center for Global Health, Universidad Peruana Cayetano Heredia, Lima, Peru
- 1:30 p.m. – 2 p.m. **Diagnostic Tools in Neurocysticercosis**
Elise M. O’Connell, MD, Assistant Clinical Investigator, Helminth Immunology Section, National Institutes of Health, Bethesda, Maryland, USA
- 2 p.m. – 2:45 p.m. **Intraventricular Neurocysticercosis: Management Issues**
A. Clinton White, MD, Professor of Infectious Disease, Department of Internal Medicine, University of Texas Medical Branch, Galveston, Texas, USA
- 2:45 p.m. – 3:30 p.m. **Subarachnoid Neurocysticercosis: Management Issues**
Christina Coyle, MD, MS, Office of Faculty Development, Albert Einstein College of Medicine, Bronx, New York, USA
- 3:30 p.m. – 3:45 p.m. Break
- 3:45 p.m. – 4:15 p.m. **Challenging Neurocysticercosis Clinical Cases: Panel Discussion**
Moderator: Christina Coyle, MD and Michael Libman, MD
Participants: Hugo Garcia, MD, PhD, Javier Bustos, MD, MPH, PhD, A. Clinton White, MD