



GI Pathophysiology Course

Friday, October 13, 2017 • 7:00 am – 12:30 pm

Apply concepts to care when you attend the GI Pathophysiology Course. This half-day course illustrates the mechanisms behind novel diagnostic strategies, helps to formulate a plan using appropriate testing methodologies, and offers practical implementation strategies. **Register for the course separately or as part of the Three-day Clinical Review.**

Course Co-Directors: *Darwin L. Conwell, MD, MS, and Ikuo Hirano, MD, FACG*

CME/MOC Hours: 5.25 hours of CME / 5.25 MOC Points

- 7:00 am **Welcome and Introductions**
Darwin L. Conwell, MD, MS
Ikuo Hirano, MD, FACG
- 7:05 am **Current and Future Clinical Applications of the Microbiome in GI Disease**
Eamonn M. M. Quigley, MD, MACG
Assess the role of the enteric microbiome and metabolome and the potential use of probiotics in various GI disorders including *C. difficile* infection.
- 7:45 am **Scientific Basis for Novel Immunologic Approaches to IBD**
Miguel D. Regueiro, MD, FACG
Apply concepts regarding the immunologic basis for novel biologic therapies to the management of IBD.
- 8:25 am **When, Why, and How to Apply Molecular and Genetic Testing to Colon Polyps and Cancer**
Elena M. Stoffel, MD
Formulate an approach to the use of molecular and genetic testing in the evaluation and management of colon polyps and cancer.
- 9:05 am **Celiac Disease: Novel Therapeutic Approaches Beyond Gluten Withdrawal**
Peter H. R. Green, MD, FACG
Identify the mechanisms behind novel diagnostic strategies and pharmacologic approaches for patients with celiac disease.
- 9:45 am **Q & A**
- 10:00 am **Break**
- 10:15 am **Management of Eosinophilic Esophagitis: Food Allergy or Acid Reflux?**
Nirmala Gonsalves, MD
Describe the rationale and practical approach for using proton pump inhibitors and elimination diet therapies in the management of eosinophilic esophagitis.
- 10:55 am **Interpretation and Therapeutic Implications of Physiologic Testing in the Management of Refractory Reflux**
John O. Clarke, MD, FACG
Identify the pearls and pitfalls in the use of motility, impedance, and pH testing in the assessment of patients with refractory reflux disease.

11:35 am

Mechanistic Underpinnings for the Management of Refractory Constipation

Darren M. Brenner, MD

Apply concepts regarding the physiologic basis of constipation to inform therapeutic decisions for patients with refractory constipation.

12:15 pm

Q & A

12:30 pm

Course Adjourns