GI PATHOPHYSIOLOGY COURSE
Friday, October 25, 2019 • 7:00 am - 12:30 pm

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

Gain a better understanding of gastrointestinal disease processes and their impact on clinical presentation of patients when you attend the GI Pathophysiology Course. Experts will review the underlying causes and clinical implications of commonly encountered diseases seen in practice.

The course includes discussion of functional genomics, physiologic testing to manage esophageal disorders, celiac disease, biologic therapies for IBD, molecular and genetic testing for colon polyps/cancer, therapeutic approaches to NAFLD, and managing refractory constipation. Lecture presentations will be followed by interactive question and answer sessions. The discussions will be clinically based and will offer points on how to better help patients with difficult-to-manage disease processes. Register for the course separately or as part of the Three-Day Clinical Review (see page 7).

PROGRAM OBJECTIVES
At the conclusion of this course, participants should be able to:

✔ Discuss how to use functional genomics and precision medicine to improve patient care and outcomes in gastrointestinal disorders.

✔ Identify the pearls and pitfalls in the use of motility, impedance, impedance planimetry, and pH testing in the assessment of patients with esophageal disorders.

✔ Explain the mechanisms behind novel diagnostic strategies and pharmacologic approaches for patients with celiac disease.

✔ Apply concepts regarding the immunologic basis of novel biologic therapies to the management of IBD.

✔ Formulate an approach to the use of molecular and genetic testing in the evaluation and management of colon polyps and cancer.

✔ Develop a conceptual framework for the appropriate utilization of novel therapeutics for fatty liver diseases.

COURSE AGENDA

7:00 am Welcome and Introductions
Darwin L. Conwell, MD, MS, FACG, and Ikuo Hirano, MD, FACG

7:05 am Functional Genomics and Precision Medicine: What Every Gastroenterologist Should Know
David C. Whitcomb, MD, PhD, FACG

7:45 am Interpretation and Therapeutic Implications of Physiologic Testing in the Management of Esophageal Disorders
Ikuo Hirano, MD, FACG

8:25 am Celiac Disease: Novel Therapeutic Approaches Beyond Gluten Withdrawal
Peter H. R. Green, MD, FACG

9:05 am Scientific Basis of Novel Immunologic Approaches to IBD
Anita Afzali, MD, MPH, FACG

9:45 am Q & A

10:00 am Break

10:15 am How to Apply Molecular and Genetic Testing to Colon Polyps and Cancer Management
Elena M. Stoffel, MD, MPH

10:55 am Physiologic Basis of Current and Future Approaches to Non-Alcoholic Fatty Liver Disease
Zobair M. Younossi, MD, MPH, FACG

11:35 am Mechanistic Underpinnings for the Management of Refractory Constipation
Darren M. Brenner, MD

12:15 pm Q & A

12:30 pm GI Pathophysiology Course Adjourns
Three-Day Clinical Review

Your Comprehensive Clinical Update

If you are looking for a comprehensive clinical review and don't want to spend too much time away from the office, attend ACG's Three-Day Clinical Review. The Three-Day Clinical Review includes the GI Pathophysiology Course and the What's New in GI Pharmacology Course on Friday, plus the popular weekend Postgraduate Course. Leading experts in the subspecialties will delve deeper into topics of interest to you and address the common and not-so-common GI disorders you encounter in practice.

FRIDAY, OCTOBER 25, 2019
(Day 1 - Morning)
GI Pathophysiology Course

Gain a better understanding of gastrointestinal disease processes and their impact on clinical presentation of patients when you attend the GI Pathophysiology Course. Experts will review the underlying causes and clinical implications of commonly encountered diseases seen in practice. 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.

FRIDAY, OCTOBER 25, 2019
(Day 1 - Afternoon)
What's New in GI Pharmacology Course

Attend the What's New in GI Pharmacology Course for an intensive review of key GI pharmacology, including comparisons and contrasts between conventional and emerging pharmacological treatment options.

SATURDAY, OCTOBER 26 – SUNDAY, OCTOBER 27, 2019
(Days 2 and 3 - All Day)
Postgraduate Course

Attend “Practicing State-of-the-Art Gastroenterology in 2019” and leave with practical take-away points that you can implement in practice. Learn better ways to integrate the newest tools in diagnosis with the latest therapeutic/treatment alternatives to achieve optimal outcomes, improve your awareness and ability to incorporate patient care decision-making issues relating to common and not-so-common GI patient conditions, and enhance your overall capacity to frame effective disease management strategies in your practice.