American College of Gastroenterology
ACG 2018 Scientific Meeting and Postgraduate Course
October 5-10, 2018, Philadelphia, PA

**GI Pathology and Imaging Course**
Friday, October 5, 2018

**Course Directors:** David A. Greenwald, MD, FACG, and Olga C. Aroniadis, MD, MSc

ACG’s Pathology and Imaging in the Evaluation of Gastrointestinal Disease Course provided four mini-sessions, each devoted to new developments and old problems of special interest to the clinical gastroenterologist in pathology and imaging in a specific portion of the GI tract. Each session featured a combination lecture by a pathologist and a radiologist, with the addition of correlated endoscopic images. The course faculty are recognized experts in their fields and pioneers in the development of new technologies and clinical paradigms.

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**Liver Cells, Bile Ducts, and Stones:**
Pathology and Imaging of the Liver and Gallbladder
Pathologist: Karen Choi, MD
Radiologist: Greg dePrisco, MD

**Understanding Swallowing and Digestion:**
Pathology and Imaging of the Esophagus and Stomach
Pathologist: Nicole C. Panarelli, MD
Radiologist: Douglas S. Katz, MD, FACR

**Delving Deeper Into the GI Tract:**
Pathology and Imaging of the Small Bowel and Pancreas
Pathologist: David N. Lewin, MD
Radiologist: Milana Flusberg, MD

**Polyps, Tumors, IBD, and More:**
Pathology and Imaging of the Colon and Rectum
Pathologist: Robert D. Odze, MD, FRCPC
Radiologist: David J. Vining, MD
What's New in GI Pharmacology Course
Friday, October 5, 2018

Course Directors: Brooks D. Cash, MD, FACG, and William D. Chey, MD, FACG

ACG’s What’s New in GI Pharmacology Course provides an intensive review of GI pharmacology, including comparisons and contrasts between conventional and emerging pharmacological treatment options for a variety of GI disorders. Topics presented at this course included use of biosimilars to treat IBD, treatment options for functional GI disorders, review of new anticoagulants, a GI's guide to vaccinations, pharmacological therapy during pregnancy, treatment options for primary biliary cirrhosis, and medico-legal issues in pharmacology. The course is designed primarily for physicians in GI/hepatology, as well as physician assistants, nurse practitioners, and other advanced practice healthcare professionals interested in the latest information on state-of-the-art treatment of these illnesses.

Functional Dyspepsia: Current Pharmacologic Approaches
William D. Chey, MD, FACG
Identify the epidemiology, diagnostic processes, and best practices for the management of functional dyspepsia.

Contemporary Review of PPI Therapy: What You and Your Patients Need to Know
Stuart J. Spechler, MD, FACG
Discuss the clinical evidence for the use of PPIs in a variety of clinical scenarios, and review current evidence regarding short- and long-term safety of PPIs.

Approach to Symptomatic Diverticular Disease
Lisa L. Strate, MD, MPH, FACG
Describe the various presentations of symptomatic diverticular disease, and review current therapeutic approaches.

Antibiotic Prophylaxis for the Gastroenterologist
Michelle A. Anderson, MD, MSc
Explain the evidence for and against the application of antibiotic prophylaxis in patients with gastroenterological diseases or undergoing endoscopic procedures.

Pharmacologic Approach to Chronic Constipation and IBS-C
Brooks D. Cash, MD, FACG
Define current and emerging pharmacologic treatment options for constipation, including chronic idiopathic constipation, opioid-induced constipation, and IBS-C.

Medical Management of Fatty Liver Disease
Phillip K. Henderson, DO
Discuss the issues and interventions currently available for the management of patients with fatty liver disease, with a focus on available pharmacologic approaches.

Chemoprevention for Gastrointestinal Malignancies
John M. Inadomi, MD, FACG
Identify the evidence for and against chemoprevention for malignancies of the gastrointestinal tract and provide recommendations for appropriate use.

Personalized IBD Management: Best Practices for Therapeutic Drug Monitoring and for Managing Treatment Failures
David T. Rubin, MD, FACG
Outline therapeutic drug monitoring in IBD patients, and how to optimize immunosuppressive drug therapy with regard to adjusting therapy in class or switching classes of biologics.
American College of Gastroenterology
ACG 2018 Scientific Meeting and Postgraduate Course
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Annual Postgraduate Course
Saturday, October 6 and Sunday, October 7, 2018

Course Directors: Charles J. Kahi, MD, MSc, FACG, and Neil H. Stollman, MD, FACG
With the need to remain abreast of the many new and emerging advancements in the field of gastroenterology and the volume of patients continuing to increase as the population ages, the clinical gastroenterologist is more challenged than ever to deliver the best patient care in each situation they encounter. Research in a multitude of gastroenterology and hepatology areas progresses at a rapid pace. Advances in technology, diagnostic modalities, and therapeutic options have had a positive impact on the management of many GI diseases. Scientific education, based on critical foundational knowledge and clinical skills, the communication of practical methods for treatment, and the ability to integrate the newest tools in diagnosis with the latest therapeutic/treatment options, are key necessities for the GI clinician to deliver top-quality patient care. This course provides updates on a variety of gastroenterology and hepatology subjects including functional disorders, liver disease, pregnancy and the GI patient, GI bleeding, gastrointestinal infections, pancreaticobiliary disease, IBD, colorectal cancer prevention, endoscopy, esophagus, stomach, and motility. The program is designed primarily for clinicians in GI/hepatology, as well as physician assistants, nurse practitioners, and other advanced practice providers interested in a scientifically sound approach to the management of GI and liver illnesses.

Saturday, October 6, 2018

SESSION 1A: Functional Disorders
Moderator: Brian E. Lacy, MD, PhD, FACG
Pharmacologic Treatment of IBS
Lin Chang, MD, FACG
Evaluate the selection of appropriate pharmacologic agents for the treatment of IBS.

Non-Pharmacologic Treatment of IBS
William D. Chey, MD, FACG
Discuss complementary, alternative, dietary, and psychosocial strategies in the treatment of IBS.

Food Allergies, Sensitivities, and Specialty Diets (Beyond Gluten)
Brian E. Lacy, MD, PhD, FACG
Explain best current practice in the use of specialty diets in the care of patients with food allergies and sensitivities.

Chronic Abdominal Pain and Bloating
Lawrence R. Schiller, MD, MACG
Identify diagnostic and management options in the treatment of chronic abdominal pain, bloating, and dyspepsia.

ACG’S DAVID SUN LECTURE
Translational Approaches to Common GI Diseases...
Thinking Out of the Box...The Future is Now!
David A. Johnson, MD, MACG
Explore diet, prebiotic/microbiome changes, sleep/behavioral, and non-prescription medication use as pathways for optimizing disease management.

SESSION 1B: Hepatology
Moderator: David E. Bernstein, MD, FACG
NAFLD/NASH
David E. Bernstein, MD, FACG
Review diagnostic and treatment options in NAFLD/NASH.

Drug-Induced Liver Injury: Causes and Management
Raj K. Vuppalarachi, MD, FACG
Describe important causes of drug-induced liver injury and management strategies.
Approach to the Liver Mass
Fasiha Kanwal, MD, MSHS
Evaluating diagnostic and treatment interventions for patients with liver masses.

Viral Hepatitis: Where We Are in 2018
Paul Y. Kwo, MD, FACP
Summarize recent advances in the management of HBV and HCV.

SATURDAY LEARNING LUNCHEONS

1. Post-Operative Care of the Bariatric Surgery Patient: Role of the Gastroenterologist
Violeta B. Popov, MD, PhD, FACP
Discuss aspects of post-operative care (nutritional, endoscopic) of the patient after bariatric procedures (routine care and common complications).

2. Autoimmune Hepatitis
Mark W. Russo, MD, MPH, FACP
Explain diagnostic and treatment recommendations for patients with autoimmune hepatitis.

3. Tough Colons and Tough Polyps: Tips and Tricks
Tonya Kaltenbach, MD, MS, FACP
Summarize techniques most helpful in difficult colonoscopies and polypectomies.

4. Approach to the Patient With Refractory Esophageal Symptoms
Ronnie Fass, MD, FACP
Explain diagnosis and treatment of functional heartburn and chest pain.

5. Endoscopy Extremes: Oropharyngeal and Perianal Primer for the Gastroenterologist
Amy E. Foxx-Orenstein, DO, MACG
Enumerate clinically relevant oropharyngeal and perianal findings that may be encountered by gastroenterologists.

6. Management of Rumination, Cyclic Vomiting, and Cannabis Hyperemesis
Lin Chang, MD, FACP
Describe diagnostic and treatment plans for patients with rumination and emesis disorders.

7. Care of the CRC Patient After Diagnosis (Surgery, Chemotherapy, Surveillance)
Charles J. Kahi, MD, MSc, FACP
Discuss best practices after the diagnosis of colorectal cancer, with a focus on the role of the gastroenterologist.

8. SIBO: Testing and Treatment
Eamonn M. M. Quigley, MD, MACG
Identify practical testing and management plans for SIBO.

9. Eosinophilic Disorders of the GI Tract
Evan S. Dellon, MD, MPH, FACP
Outline the treatment of eosinophilic esophagitis, and discuss other eosinophilic GI disorders.

10. Ischemic Bowel Disorders
Paul Feuerstadt, MD, FACP
Review new understanding of mesenteric and colon ischemia in light of recent ACG guidelines.

11. Autoimmune Pancreaticobiliary Disease
Timothy B. Gardner, MD, MS, FACP
Discuss the approach to and treatment of autoimmune pancreatitis, PBC, and PSC.

12. Dysynaptic Defecation and Pelvic Floor Disorders
Satish S.C. Rao, MD, PhD, FACP
Describe the evaluation of and interventions for patients with defecatory dysfunction.

SATURDAY SIMULTANEOUS SYMPOSIA SESSIONS

SYMPOSIUM A: HELLP! My GI Patient Is Pregnant...
Moderator: Uma Mahadevan, MD, FACP
Endoscopy and Sedation in Pregnancy
Joseph C. Anderson, MD, MHCDS, FACP
Evaluate sedation and endoscopy in the pregnant patient.

The Pregnant IBD Patient
Uma Mahadevan, MD, FACP
Discuss outcomes and interventions in the pregnant IBD patient.

Liver Disorders in Pregnancy
Nancy S. Reau, MD, FACP
Identify important hepatic disorders in pregnancy.

SYMPOSIUM B: GI Bleeding
Moderator: John R. Saltzman, MD, FACP
Non-Variceal GI Bleeding: Prevention and Treatment
John R. Saltzman, MD, FACP
Explain prevention and treatment of non-variceal GI bleeding.

Variceal GI Bleeding: Prevention and Treatment
Robert J. Wong, MD, MS, FACP
Review prevention and treatment of variceal hemorrhage.

Obscure GIB: Imaging and Interventions
Jonathan A. Leighton, MD, FACP
Describe algorithms and advice for identifying the causes of obscure GI bleeding and possible interventions.

SYMPOSIUM C: Bugs N’ Guts
Moderator: Christina M. Surawicz, MD, MACG
Enteric Infections: The Usual Suspects and Beyond
Christina M. Surawicz, MD, MACG
Identify diagnostic testing advances and treatments of patients with enteric infections.
**Clostridium difficile: Are We Making Progress?**
Jessica R. Allegretti, MD, MPH
Evaluate recent pharmacologic, immunologic, and bacteriotherapy advances in the treatment of *C. difficile*.

**Helicobacter pylori**
David A. Greenwald, MD, FACG
Discuss state-of-the-art management approaches to *H. pylori* in light of recent ACG guidelines.

**SESSION 1C: Pancreatobiliary**
Moderator: Timothy B. Gardner, MD, MS, FACG

**Prevention and Treatment of Acute Pancreatitis**
Timothy B. Gardner, MD, MS, FACG
Explain how best to prevent post-ERCP pancreatitis and treat patients with acute pancreatitis.

**Medical, Endoscopic, and Surgical Approaches to Chronic Pancreatitis**
Douglas G. Adler, MD, FACG
Summarize possible medical, endoscopic, and surgical approaches to chronic pancreatitis.

**Cystic Neoplasms of the Pancreas**
Mohammad Al-Haddad, MD, MSc, FACG
Describe diagnostic and treatment recommendations for pancreatic cysts.

**Take-Home Pearls: What Did We Learn Today?**
Charles J. Kahi, MD, MSc, FACG, and Neil H. Stollman, MD, FACG
Review important and practical take-home messages from today’s talks.

**Sunday, October 7, 2018**

**SESSION 2A: Inflammatory Bowel Disease**
Moderator: Sunanda V. Kane, MD, MSPH, FACG

**Biologic-Based Therapies in IBD**
Sunanda V. Kane, MD, MSPH, FACG
Review current biologic agents for IBD, including biosimilars.

**Non-Biologic-Based Therapies in IBD**
Ashwin N. Ananthakrishnan, MD, MPH
Describe the role of non-biologic agents including thiopurines, novel molecules, and non-pharmacologic options (diet, complementary medicine, and FMT) in managing IBD.

**Quality in IBD Care, From Monitoring to Maintenance**
Millie D. Long, MD, MPH, FACG
Assess strategies to optimize health maintenance in IBD patients including vaccinations, bone loss prevention, and monitoring of disease activity and drug levels.

**Endoscopy in IBD**
Francis A. Farraye, MD, MSc, FACG
Discuss the role of endoscopy in IBD patients, including assessment of disease activity, therapy of strictures, and dysplasia surveillance.

**SESSION 2B: Colorectal Cancer Prevention**
Moderator: Douglas K. Rex, MD, MACG

**Colorectal Cancer Prevention in 2018**
Jason A. Dominitz, MD, MHS
Present an overview of the current status of CRC prevention in the U.S., including screening options and strategies to improve participation.

**Personalized CRC Screening and Surveillance in the Average-Risk Patient**
Douglas J. Robertson, MD, MPH
Identify the best CRC screening test based on personal demographic and clinical features, and when to start and stop screening.

**Recognition and Management of the Patient at Increased CRC Risk**
Aasma Shaukat, MD, MPH, FACG
Recognize patients at increased CRC risk due to family history and genetic causes, and implement appropriate surveillance.

**Optimal Colonoscopy Technique and Polypectomy**
Douglas K. Rex, MD, MACG
Discuss the elements of high-quality colonoscopy, and polypectomy strategies based on polyp characteristics.

**Colonoscopy Quality: Measures and Systems**
Irving M. Pike, MD, FACG
Understand and apply colonoscopy quality standards and requirements.

**SUNDAY LEARNING LUNCHEONS**

13. **Diverticular Disease Update 2018**
Neil H. Stollman, MD, FACG
Summarize new thinking in the role of antibiotics for acute diverticulitis and care of patients with SUDD and SCAD.

14. **Endoscopic and Surgical Approaches for Obesity**
Christopher C. Thompson, MD, MSc, FACG
Assess the role, benefits, and risks of endoscopic and surgical approaches to the treatment of obesity.

15. **Bowel Preparation Strategies: Routine to Challenging**
Brennan M. Spiegel, MD, MSHS, FACG
Present current agents and strategies to optimize bowel preparation quality, including difficult-to-prep patients.

16. **Microscopic and Drug-Induced Colitis**
David S. Weinberg, MD, MSc
Review the etiologies, diagnostic approaches, and treatment options for microscopic and drug-induced colitis.
17. Hepatitis B Reactivation  
David E. Bernstein, MD, FACP  
Identify management of HBV reactivation in patients with immunosuppression and during pregnancy.

18. Endoscopic Treatment of Pancreatobiliary Cancers  
Douglas G. Adler, MD, FACP  
Provide an overview of the endoscopic treatment of patients with pancreatobiliary cancers.

19. Celiac and Gluten Sensitivity  
Amy S. Oxentenko, MD, FACP  
List practical approaches to the diagnosis and management of patients with celiac disease and non-celiac gluten sensitivity.

20. Public Policy Update 2018  
Costas H. Kefalas, MD, MMM, FACP  
Review recent public policy issues of concern to the gastroenterologist.

21. Achalasia and Its Variants  
Marcelo F. Vela, MD, MSCR, FACP  
Provide an overview of the diagnosis of achalasia and subtypes including GEJ outflow obstruction, and their treatment.

22. Challenging IBD Situations  
David T. Rubin, MD, FACP  
Discuss the optimal approaches to patients with anti-TNF refractory disease, hospitalized patients with severe IBD, post-surgical patients, and those who wish to stop therapy.

23. Serrated Polyps and the Serrated Polyposis Syndrome  
Carol A. Burke, MD, FACP  
Review serrated polyps, and recognition and management of serrated polyposis syndrome.

24. Chronic Diarrhea  
Christina M. Surawicz, MD, MACG  
Explain practical diagnostic and therapeutic approaches to the patient with chronic diarrhea.

SIMULTANEOUS SYMPOSIA SESSIONS

SYMPOSIUM D: Endoscopy  
Moderator: John J. Vargo, II, MD, MPH, FACP

Sedation: Medical and Regulatory Update  
John J. Vargo, II, MD, MPH, FACP  
Summarize the medical and regulatory status of sedation for endoscopy in the U.S.

Prevention of Post-Procedure Bleeding  
Heiko Pohl, MD  
Explain the peri-endoscopic management of antithrombotic agents, and endoscopic interventions to mitigate the risk of post-procedure bleeding.

Taking Care of the Endoscopist  
Amandeep K. Shergill, MD, MS  
Present ergonomic standards for the modern endoscopy unit, and strategies to maintain work-life balance and prevent burnout.

SYMPOSIUM E: Care of the Patient With Liver Disease  
Moderator: Patrick S. Kamath, MD

Preventive Care of the Cirrhotic Patient  
Suthat Liangpunsakul, MD, MPH, FACP  
Outline the optimal care of patients with cirrhosis, including prevention of complications and vaccinations.

Alcoholic Liver Disease  
Patrick S. Kamath, MD  
Review the treatment of patients with alcoholic liver disease, including alcoholic hepatitis.

Liver Transplantation: Selection and Controversies  
Paul Y. Kwo, MD, FACP  
Explain the process of selection for liver transplantation, and controversies associated with evolving guidelines.

SYMPOSIUM F: Motility  
Moderator: Lawrence R. Schiller, MD, MACG

Chronic Constipation: Work-Up and Treatment  
Lawrence R. Schiller, MD, MACG  
Outline the diagnostic and therapeutic approach to chronic constipation.

Delayed Gastric Emptying: Diagnosis and Treatment  
Michael Camilleri, MD, FACP  
Review progress in the diagnosis and treatment of delayed gastric emptying.

Esophageal Motility Disorders Not Named Achalasia  
Felice Schnoll-Sussman, MD, FACP  
Understand the terminology, diagnosis, and treatment of non-achalasia esophageal motility disorders.

SESSION 2C: Esophagus and Stomach  
Moderator: Nicholas J. Shaheen, MD, MPH, FACP

PPI Risks: Separating Fact From Fiction  
Philip O. Katz, MD, MACG  
Provide an evidence-based guide to risks associated with PPI use.

Premalignant Lesions of the Esophagus  
Nicholas J. Shaheen, MD, MPH, FACP  
Discuss treatment strategies in patients with Barrett’s esophagus and esophageal squamous neoplasia.

Premalignant Lesions and Polyps of the Stomach  
Douglas R. Morgan, MD, MPH, FACP  
Explain the approach to patients with gastric intestinal metaplasia and gastric polyps.

Take-Home Pearls: What Did We Learn Today?  
Charles J. Kahi, MD, MSc, FACP, and Neil H. Stollman, MD, FACP  
Review important and practical take-home messages from today’s talks.