American College of Gastroenterology
WCOG at ACG2017 Scientific Meeting and Postgraduate Course
October 13-18, 2017, Orlando, FL

GI Pathophysiology Course
Friday, October 13, 2017

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

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.

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.

When, Why, and How to Apply Molecular and Genetic Testing to Colon Polyps and Cancer
Elena M. Stoffel, MD, MPH
Formulate an approach to the use of molecular and genetic testing in the evaluation and management of colon polyps and cancer.

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.

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.

Interpretation and Therapeutic Implications of Physiologic Testing in the Management of Refractory Reflux
John O. Clarke, MD
Identify the pearls and pitfalls in the use of motility, impedance, and pH testing in the assessment of patients with refractory reflux disease.

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.
What's New in GI Pharmacology Course
Friday, October 13, 2017

Course Directors: Brooks D. Cash, MD, FACG, and Scott M. Tenner, MD, MS, MPH, JD, FACG

ACG's What's New in GI Pharmacology Course provides an intensive review of key GI pharmacology, including comparisons and contrasts between conventional and emerging pharmacological treatment options for a variety of GI disorders. 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.

IBD: The First Visit
Francis A. Farraye, MD, MSc, FACG
Review appropriate tests, vaccinations, referrals, and medications needed for patients with IBD on their first visit, depending on disease activity.

Routine and Emergent Anticoagulation Management in the Periendoscopic Period
David A. Greenwald, MD, FACG
Define the use and management of new anticoagulation medications and reversal agents in patients undergoing endoscopy or experiencing GI bleeding.

Rational PPI Therapy in the Era of Concern
Kenneth R. DeVault, MD, FACG
Describe the evidence found in new studies that questions the safety of long-term use of PPIs.

Practical Guide to HCV Therapy in 2017
Jorge L. Herrera, MD, MACG
Compare the safety, efficacy, and prescribing guidelines of the new direct-acting antagonists used to treat chronic hepatitis C.

Pharmacologic Approach to IBS: Beyond Diet and Fiber
Brooks D. Cash, MD, FACG
Assess current pharmacologic treatment options for functional GI disorders.

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

Medication Use in Pregnancy
Sunanda V. Kane, MD, MSPH, FACG
Determine available pharmacological therapies that are safe for treatment of GI disorders in the pregnant patient.

Pharmacologic Treatment of Pancreatic Disorders
Scott M. Tenner, MD, MS, MPH, JD, FACG
Differentiate the latest options for the prevention and treatment of acute and chronic pancreatitis.
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Annual Postgraduate Course  Saturday, October 14 and Sunday, October 15, 2017  
“Global Approach to Optimal Management of GI Disorders”

Course Directors: Geoffrey Metz, AM, FRACP, MD, FRCP, FACP, Aasma Shaukat, MD, MPH, FACG, and Marcelo F. Vela, MD, MSCR, FACG

Staying informed of new and emerging advancements in the field of gastroenterology, combined with the volume of patients increasing as the population ages, can challenge any clinical gastroenterologist and advanced practitioner to deliver his or her best patient care. Focused on a world-view of GI disease for the World Congress of Gastroenterology at ACG2017 (WCOG at ACG2017), the popular Postgraduate Course will provide updates on a variety of gastroenterology and hepatology subjects including colon, IBD, small bowel and functional disorders, endoscopic emergencies, quality metrics in GI, obesity, pancreaticobiliary, liver disease, esophagus and stomach, liver disease, and motility. Expert faculty provide scientific presentations on the latest topics in GI and liver clinical care. Learn what is on the horizon that may impact your practice as experts address a global approach to managing GI disorders. The program is designed primarily for clinicians in GI/hepatology, as well as physician assistants, nurse practitioners, and other advanced practice healthcare professionals interested in a scientifically sound approach to the management of GI and liver illnesses.

Saturday, October 14, 2017

SESSION 1A: Updates in Gastroduodenal Disorders
Moderators: Brian E. Lacy, MD, PhD, FACG, and Geoffrey Metz, AM, FRACP, MD, FRCP, FACP

Management of Functional Dyspepsia  
Paul Moayyedi, MBChB, PhD, MPH, FACG  
Evaluate the latest guidelines and evidence on management of functional dyspepsia.

Updates in Pharmacological Therapy for IBS  
Brian E. Lacy, MD, PhD, FACG  
Discuss the selection of appropriate pharmacological agents for the treatment of IBS.

Dietary and Other Non-pharmacological Management Options for IBS  
Peter R. Gibson, MD  
Identify the role of dietary and mental health-based therapies for IBS.

Wheat Sensitivity: Is it Celiac Disease?  
Geoffrey Metz, AM, FRACP, MD, FRCP, FACP  
Explain the practical approach and guidelines for diagnosing and treating patients with wheat sensitivity disorders, and discuss the role of vaccines for celiac disease.

ACG’S DAVID SUN LECTURE
Screening and Surveillance of Barrett’s Esophagus: Where Are We Now and What Does the Future Hold?  
Gary W. Falk, MD, MS, FACG  
Define current best practices and review upcoming options for screening and surveillance of Barrett’s esophagus.

SESSION 1B: Complex Issues in Inflammatory Bowel Disease
Moderators: Uma Mahadevan, MD, FACG, and Gerhard Rogler, MD, PhD

Loss of Response to Anti-TNFs – What Should I Do Next?  
Uma Mahadevan, MD, FACG  
Describe the natural history and treatment options for patients failing anti-TNF therapy.
Enhanced Imaging for Detection of Dysplasia in IBD Surveillance
Ralf Kiesslich, MD, PhD
Review the optimal approach to detection and management of dysplasia in IBD surveillance.

Use of Anti-TNF Antibodies, Drug Levels, and Other Serological Markers in IBD
Gerhard Rogler, MD, PhD
Enumerate the indications and clinical applications of anti-TNF antibodies and other prognostic serological markers for IBD management.

Diet, FMT, and Other Non-pharmacological Management Options for IBD
Charles N. Bernstein, MD, FACG
Discuss the role of diet, use of FMT, and other non-pharmacological therapies in the management of IBD.

SATURDAY LEARNING LUNCHEONS
1. Diarrhea, Bloating, and Abdominal Pain: Work-up and Treatment Algorithms
Amy S. Oxentenko, MD, FACG
Discuss a practical approach to the work-up and management of patients with diarrhea, bloating, and abdominal pain.

2. Screening and Surveillance Intervals for Colonoscopy: Navigating the Gray Zones
Aasma Shaukat, MD, MPH, FACG
Identify the appropriate screening modality and surveillance interval when guidelines are not clear.

3. Diagnostic Tools for Esophageal Disease
Miguel A. Valdovinos, MD
Discuss the use of diagnostic tools for esophageal disorders, including high resolution manometry, wireless pH and impedance-pH monitoring, and esophageal distensibility measurements.

4. Predicting the Disease Course of IBD and Tailoring Therapy
Jesús K. Yamamoto-Furusho, MD, PhD, MSc
Review the roles of endoscopic, clinical, and radiologic tools in determining the course of disease and tailoring medical therapy in IBD patients.

5. Biosimilars for IBD: Changing the Landscape
David T. Rubin, MD, FACG
Analyze the latest evidence in evolving therapies for inflammatory bowel disease and the impact on clinical care.

6. Achalasia: Diagnosis and Management
John E. Pandolfino, MD, MSCI, FACG
Discuss current diagnostic approaches and management options for achalasia.

7. Gut Microbiota Manipulation in FGID
Eamonn M. Quigley, MD, MACG
Review the role and importance of gut microbiota in the management of functional GI disorders.

8. Post-ERCP Pancreatitis: Who’s at Risk and How to Treat
Yan G. Bakman, MD
Identify the latest evidence for pharmacological and endoscopic interventions to reduce post-ERCP pancreatitis.

9. Functional Esophageal Disorders
Ronnie Fass, MD, FACG
Discuss the diagnosis and management of functional heartburn and functional chest pain.

10. Updates in the Management of Portal Hypertension
K. Rajender Reddy, MD, FACG
Describe recent evidence and guidelines on management of portal hypertension.

11. Tips and Techniques for Removing Large Polyps
Michael B. Wallace, MD, MPH, FACG
Demonstrate tips and techniques for safe and effective removal of large colon polyps.

12. HBV Reactivation With Immunosuppressive Therapy and Management During Pregnancy
Joseph K. Lim, MD, FACG
Outline the management approach to HBV reactivation with immunosuppressive therapy, and treatment of HBV during pregnancy.

SESSION 1C: Difficult-to-Treat Esophageal Disorders
Moderators: Naima Amrani, MD, and Nicholas J. Shaheen, MD, MPH, FACG

1. PPI-refractory Symptoms: Evaluation and Management
Marcelo F. Vela, MD, MSCR, FACG
Identify the optimal diagnostic approach and treatment of patients with reflux symptoms, who fail PPI therapy.

2. Barrett’s Esophagus: Natural History, When to Ablate, and How
Nicholas J. Shaheen, MD, MPH, FACG
Discuss the natural history, appropriate patient selection, and treatment modalities for ablation of Barrett’s esophagus.

3. Management of EoE: Beyond the Basics
Ikuo Hirano, MD, FACG
Explain the natural history and treatment options for eosinophilic esophagitis.

4. Practical Approach to Management of Extra-esophageal GERD
Michael F. Vaezi, MD, PhD, MSc(Epi), FACG
Outline the diagnostic and treatment approaches for extra-esophageal GERD.
SATURDAY SIMULTANEOUS SYMPOSIA SESSIONS

SYMPOSIUM A: Approach and Treatment of non-IBD Colitis
Moderators: Guilherme G. Macedo, MD, PhD, FACG, and Darrell S. Pardi, MD, MS, FACG
The Spectrum of Diverticular Disease: SUDD, SCAD
Brennan M.R. Spiegel, MD, MSHS, FACG
Discuss the expanding spectrum of diverticular disease and treatment options.

Microscopic Colitis: Therapy and Endpoints
Darrell S. Pardi, MD, MS, FACG
Identify the therapeutic approaches and treatment endpoints for microscopic colitis.

Treatment of Recurrent C. difficile Infection
Christina M. Surawicz, MD, MACG
Describe the latest therapeutic agents and approaches to treatment of recurrent C. difficile infection.

SYMPOSIUM B: Colon Cancer Screening: State of the Science
Moderators: Jonathan A. Leighton, MD, FACG, and Roque Sáenz, MD, FACG
Role of Non-invasive Testing in Colon Cancer Screening
Theodore R. Levin, MD, FACG
Discuss the evidence for and role of various stool-based tests used for colon cancer screening including FIT, stool DNA, and serum-based tests.

Capsule-based Endoscopy and CT Colonography for Colon Cancer Screening
Jonathan A. Leighton, MD, FACG
Describe updates in capsule endoscopy and CT colonography in colon cancer screening.

Making Sense of New and Often Contradictory Guidelines for Colon Cancer Screening
Roque Sáenz, MD, FACG
Compare and contrast key guidelines for colon cancer screening and summarize the best available approach.

SYMPOSIUM C: Updates in Liver Disease
Moderators: Kelly W. Burak, MD, FRCP, MSc (Epid), and K. Rajender Reddy, MD, FACG
Autoimmune Liver Disorders
K. Rajender Reddy, MD, FACG
Discuss a clinical approach to diagnosis and treatment of autoimmune hepatitis, PBC, and PSC.

Diagnosis and Multi-modality Management of Hepatocellular Carcinoma
Kelly W. Burak, MD, FRCP, MSc (Epid)
 Explain updates in the diagnosis and multi-modality management of hepatocellular carcinoma.

Management of Alcoholic Hepatitis
Mario Reis Alvares-da-Silva, MD, PhD
Identify diagnostic challenges and updates in the treatment of alcoholic hepatitis.

Sunday, October 15, 2017

SESSION 2A: Quality in Colonoscopy: What You Need to Know in 2017
Moderators: Desmond J. Leddin, MB, MSc, FRCP, FRCPI, and Aasma Shaukat, MD, MPH, FACG
Measuring and Reporting Colonoscopy Performance
Roland Valori, MD, MB BS, FRCP, MSc (Oxon), ILTM
Describe quality measurement and reporting programs for colonoscopy performance.

Optimal Resection of Colon Polyps <10 mm
Douglas K. Rex, MD, MACG
Identify the advances and tools used in the classification and removal of colon polyps <5 mm and 5-9 mm.

Enhancing the Quality of Colonoscopy
Aasma Shaukat, MD, MPH, FACG
Evaluate the latest evidence on which quality metrics for colonoscopy are important, as well as the role of technology and other interventions to improve them.

Approach to and Management of Serrated Polyps and Serrated Polyposis Syndrome
Charles J. Kahi, MD, MSc, FACG
Discuss recognition, optimal management, and follow-up of serrated polyps and serrated polyposis syndrome.

SESSION 2B: Practical Approaches to Pancreaticobiliary Disorders
Moderators: J. Enrique Domínguez-Muñoz, MD, PhD, and Scott M. Tenner, MD, MS, MPH, JD, FACG
Approach to Cystic Lesions of the Pancreas
Anne Marie Lennon, MD, MBBCh, PhD
Apply a practical approach to diagnosis and management of cystic lesions of the pancreas.

Management of Acute Pancreatitis
Scott M. Tenner, MD, MS, MPH, JD, FACG
Evaluate recent evidence on fluid management, nutrition, and endoscopic management of acute pancreatitis.

Nutrition and Pain in Chronic Pancreatitis
J. Enrique Domínguez-Muñoz, MD, PhD
Explain the management of nutritional challenges and pain management in chronic pancreatitis.

Diagnosis and Management of Biliary Strictures
Douglas G. Adler, MD, FACG
Outline a practical approach to diagnosis and management of biliary strictures.

Autoimmune Pancreatitis
J. Shawn Mallery, MD, FACG
Identify the diagnostic criteria and treatment options for autoimmune pancreatitis.
SUNDAY LEARNING LUNCHEONS

13. Techniques for Completing the Difficult Colonoscopy
   Douglas K. Rex, MD, MACG
   Identify tips and techniques for completing difficult colonoscopy.

14. Social Media and Your Practice
   David T. Rubin, MD, FACP
   Enumerate the social media tools and their effective uses for a medical practice.

15. How to Set Up Your Practice for MACRA and MIPS Reporting
   Irving M. Pike, MD, FACP
   Discuss the optimal tracking and reporting of measures for maximizing reimbursement.

16. Updates in Management of Gastroparesis
   Brian E. Lacy, MD, PhD, FACP
   Appraise the latest treatment agents and approaches for management of gastroparesis.

17. H. pylori: Who to Treat and How
   William D. Chey, MD, FACP
   Formulate an evidence-based approach to indications and treatment options for H. pylori infection.

18. PPI Therapy: Indications, Monitoring, and When to Stop
   Kenneth R. DeVault, MD, FACP
   Discuss the latest evidence-based indications and patient selection for monitoring PPI therapy.

19. Update on Management of Ischemic Colitis
   Lawrence J. Brandt, MD, MACG
   Apply a practical approach to the diagnosis and treatment of ischemic colitis.

20. NAFLD and NASH: Diagnostic Tools and Management
    Nahum Méndez Sánchez, MD, MSc, PhD, FACP
    Outline the latest imaging and serological tests in the diagnosis of NAFLD/NASH and updates in treatment approaches.

21. Post-surgical Management of Crohn’s Disease
    Miguel D. Regueiro, MD, FACP
    Identify the optimal approach in the management of Crohn’s disease post-surgery.

22. Preventive Care for Patients With IBD
    Francis A. Farraye, MD, MSc, FACP
    Implement an evidence-based approach to preventive care in patients with inflammatory bowel disease.

23. Systematic Interventions to Improve Bowel Cleansing
    Shahnaz Sultan, MD, MHSc
    Assess various bowel preparation agents and interventions to achieve adequate bowel cleansing.

24. Approach to Abnormal Liver Function Tests
    Paul Y. Kwo, MD, FACP
    Describe the approach to abnormal liver function tests in light of recent guidelines.

SESSION 2C: Endoscopic Approaches to GI Diseases
Moderators: Abdelmunem E. Abdo, MD, and Neena S. Abraham, MD, MSc (Epid), FACP

Management of Anti-thrombotic Agents for Endoscopy
Neena S. Abraham, MD, MSc (Epid), FACP
Enumerate current and new anti-thrombotic agents and how to manage their use for endoscopic procedures.

Advances in the Management of Variceal Bleeding
Abdelmunem E. Abdo, MD
Describe updates in the endoscopic, radiologic, and surgical management of variceal bleeding.

Advances in the Management of Non-variceal Upper GI Bleeding
John R. Saltzman, MD, FACP
Discuss updates in the endoscopic management of non-variceal bleeding.

EMR and ESD: Tools and Techniques
Michael B. Wallace, MD, MPH, FACP
Demonstrate tools and techniques for effective use of EMR and ESD in resection of colonic lesions.

SUNDAY SIMULTANEOUS SYMPOSIA SESSIONS

SYMPOSIUM D: GI Cancers: A Practical Approach
Moderators: Carol A. Burke, MD, FACP, and Jaw-Town Lin, MD, PhD

Hereditary Causes of Colon Cancer
Carol A. Burke, MD, FACP
Outline diagnostic approaches to Lynch Syndrome, FAP, and MAP, plus recommendations for surgery and surveillance.

Pancreatic Cancer: Diagnostic Approach and Surveillance in High-risk Populations
Ashley L. Faulx, MD, FACP
Discuss the role of EUS in diagnosis and therapy for pancreatic cancer, and when surveillance should be advised.

Gastric Cancer: Endoscopic Management and Surveillance
Jaw-Town Lin, MD, PhD
Apply a practical approach to endoscopic treatment for and surveillance of gastric cancers.
SYMPOSIUM E: Viral Hepatitis
Moderators: Mario Reis Alvares-da-Silva, MD, PhD, and Paul Y. Kwo, MD, FACG

The Global Burden of Hepatitis C
Nick M. Walsh, MD, PhD, FAFPHM, FAChAM
Define the global prevalence, incidence, and stigmata of hepatitis C.

Goals of Therapy in HBV
Paul Y. Kwo, MD, FACG
Identify the goals of therapy in treatment of hepatitis B and efficacy of various therapies in achieving them.

Therapy for Hepatitis C
Jordan J. Feld, MD, MPH
Describe the updated options for hepatitis C therapy and their outcomes.

SYMPOSIUM F: Management of Obesity: Role of the Gastroenterologist
Moderators: James Toouli, MBBS, FRACS, PhD, and Mark D. Topazian, MD, FACG

Pros and Cons of Endoscopic Procedures for Obesity
Mark D. Topazian, MD, FACG
Assess the benefits and risks of endoscopic bariatric procedures.

Medical Management: Pre- and Post-bariatric Treatments
Amy E. Foxx-Orenstein, DO, MACG
Discuss the effectiveness of diet, exercise, and medications in the management of pre- and post-bariatric treatments in the obese patient.

Managing Complications of Bariatric Surgery
Reem Z. Sharaiha, MD, MSc
Describe the gastrointestinal complications of bariatric surgeries and their management.