



Penn Medicine

Continuing Medical and
Interprofessional Education

The Division of Gastroenterology at Penn Medicine
Presents

LIVE VIRTUAL

14TH ANNUAL

PENN LIVE: GI ENDOSCOPY AND LIVER DISEASE 2022

A CME/CNE-ACCREDITED CONFERENCE



MARCH 18-19, 2022

FRIDAY, MARCH 18

SIGN-INTO VIRTUAL PLATFORM | 7:45 AM – 8:00 AM EST

SCIENTIFIC PROGRAM | 8:00 AM – 4:45 PM EST

SATURDAY, MARCH 19

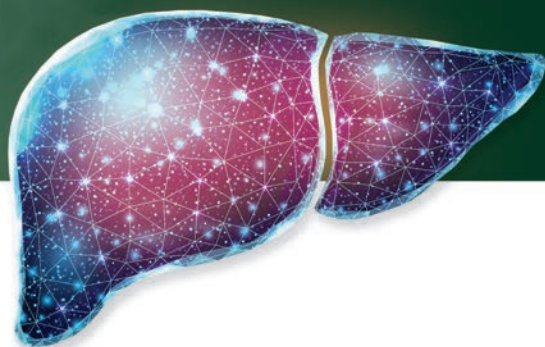
SIGN-INTO VIRTUAL PLATFORM | 7:45 AM – 7:55 AM EST

SCIENTIFIC PROGRAM | 7:55 AM – 2:45 PM EST



<https://upenn.cloud-cme.com/pennlive2022>

PROGRAM OVERVIEW & TARGET AUDIENCE



This program is designed to demonstrate the application and execution of therapeutic gastrointestinal endoscopy. Using a format of lectures and live cases, our local and invited faculty will address challenges & practical solutions in the endoscopic management of digestive disorders including benign and malignant disorders of the esophagus, gastroduodenum, pancreas, bile ducts, and colorectum. Additional topics will include applications of endoluminal resection, radiofrequency ablation, argon plasma coagulation, ERCP, endoscopic ultrasound, polypectomy, and endoprosthesis therapies.

The program will also focus on the current research and recommendations for managing patients with acute and chronic liver disease, including viral and autoimmune hepatitis, metabolic liver disease, portal hypertensive bleeding, refractory ascites, hepatic encephalopathy, liver transplantation and issues affecting liver transplant recipients.

This conference is designed for Gastroenterologists, Hepatologists, GI Surgeons, GI Radiologists, Gastroenterology Fellows, GI Nurses, Nurse Practitioners, Physician Assistants, Medical Residents and Medical Students.

LEARNING OBJECTIVES

Upon conclusion of this educational activity, the participant will be better able to:

- Describe the role of emerging technologies for medical and endoscopic management of benign and malignant disorders of the gastrointestinal tract
- Discuss how to apply high-yield clinical pearls to diagnose complex hepatobiliary disorders
- Outline controversial areas of the endoscopic management of esophageal, gastric, small bowel, colonic and pancreaticobiliary disorders
- Evaluate new guidelines and guidance in the management of acute and chronic liver disease

HOSTING DEPARTMENT

The *14th Annual Penn Live: GI Endoscopy and Liver Disease 2022* is hosted by the Division of Gastroenterology at Penn Medicine.



ACCREDITATION



JOINTLY ACCREDITED PROVIDER™
INTERPROFESSIONAL CONTINUING EDUCATION

In support of improving patient care, Penn Medicine is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

DESIGNATION OF CREDIT

Physicians: Penn Medicine designates this live activity for a maximum of 12.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



ABIM MOC: Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 12.5 MOC points in the American Board of Internal Medicine's (ABIM)

Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

Physician Assistants: AAPA accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit™* from organizations accredited by ACCME or a recognized state medical society. PAs may receive a maximum of 12.5 Category 1 credits for completing this activity.

Nurses: This program provides 12.5 contact hours.

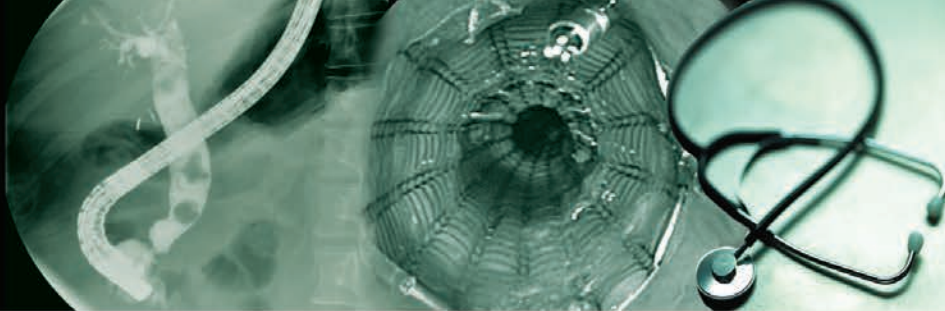
Certificates and Transcripts: After the conference has concluded, all participants will receive a follow-up email with a link with instructions on how to claim their credit. Once participants submit the request for credit, the earned credits will be available for viewing on your transcript or available for printing at <https://upenn.cloud-cme.com>. Please note that the individual certificate will not be mailed.

CONFERENCE FORMAT

The *14th Annual Penn Live: GI Endoscopy and Liver Disease 2022* will live broadcast on Friday and Saturday, March 18-19, 2022. The presentations will follow the scheduled agenda in real time (EST). Preregistered attendees will receive an email with the electronic handout, link and instructions to join the conference 48 hours in advance.

All attendees will be required to sign into the virtual platform using your first name, last name and email address in order to be marked as attended. If you do not sign into the live broadcast you will be unable to claim credit. Be sure to visit <https://upenn.cloud-cme.com/pennlive2022> or email penncme@penmedicine.upenn.edu if you do not receive that email.

The conference will be recorded. The recordings will only be available to those with verified attendance and for one year.



REGISTRATION FEES

Please register online at

<https://upenn.cloud-cme.com/pennlive2022>.

The fees to attend virtually are as follows: \$100 for physicians and industry attendees, \$50 for nurse practitioners, physician assistants and other healthcare professionals.

There is no fee for residents, fellows, students and Penn Medicine GI Division employees, faculty and staff to attend.

All pre-registered virtual attendees will receive an email that includes a link with instructions to sign-in and join the virtual conference 48 hours preceding the symposium, as well as the attendee booklet (downloadable PDF). Registration also includes access to view the presentations online for one year.

Need to Register by Mail? Please note: mailed registrations can take up to 5-10 business days before they are received. We are experiencing longer delays receiving mail due to the COVID-19 pandemic. We encourage all attendees to register online. See the registration form for mailing instructions. All registrations will be confirmed by email as long as your registration is received no later than March 17, 2022.

CANCELLATION POLICY

In order to process refunds for course withdrawals, cancellations must be received in writing by March 7, 2022 (subject to a service charge equivalent to 10% of the registration fee, but no less than \$25.00). No refunds will be issued thereafter.

The University reserves the right to cancel or postpone any course due to unforeseen circumstances. In the event of cancellation or postponement, the University will refund registration fees but is not responsible for related costs or expenses to participants, including cancellation fees assessed by hotels, airlines, and travel agencies.

NONDISCRIMINATION STATEMENT The University of Pennsylvania values diversity and seeks talented students, faculty, and staff from diverse backgrounds. The University of Pennsylvania does not discriminate on the basis of race, sex, sexual orientation, gender identity, religion, color, national or ethnic origin, age, disability, or status as a Vietnam Era Veteran or disabled veteran in the administration of educational policies, programs or activities; admissions policies; scholarship and loan awards; athletic, or other University administered programs or employment. Questions or complaints regarding this policy should be directed to Executive Director, Office of Affirmative Action and Equal Opportunity Programs, 3600 Chestnut Street, Sansom Place East Suite 228, Philadelphia, PA 19104-6106 or 215-898-6993 (Voice) or 215-898-7803 (TDD). www.upenn.edu/affirm-action.

FACULTY



With the exception of the guest faculty, the Course Directors & Faculty hold academic and/or clinical appointments from the Perelman School of Medicine at the University of Pennsylvania and Penn Medicine, Philadelphia, PA

COURSE DIRECTORS

Nuzhat A. Ahmad, MD

Professor of Medicine
Vice Chief of Gastroenterology and Hepatology
Associate Director of Endoscopy
Associate Chief for Clinical Affairs

Gregory G. Ginsberg, MD

Professor of Medicine
Executive Director of Endoscopy

David E. Kaplan, MD, MSc

Associate Professor of Medicine
Director of Hepatology
Philadelphia VA Medical Center

K. Rajender Reddy, MD

Ruimy Family President's
Distinguished Professor of Medicine
Director of Hepatology
Director, Viral Hepatitis Center
Medical Director, Liver Transplantation

GUEST FACULTY

Ann Marie Joyce, MD

Clinical Associate Professor of Medicine
Beth Israel Lahey Hospital & Medical Center
Tufts University School of Medicine
Burlington, MA

Jennifer Lai, MD, MBA

Associate Professor of Medicine
University of California at San Francisco
San Francisco, CA

Nancy S. Reau, MD

Professor of Medicine
The Richard B. Capps Chair and Section Chief,
Hepatology
Associate Director, Organ Transplantation
Rush University
Chicago, IL

COURSE FACULTY

Brenda Appolo, PA-C

Manager, Advanced Practice Providers
GI Division

Therese Bittermann, MD, MSCE

Assistant Professor of Medicine

Anna Buchner, MD, PhD

Assistant Professor of Medicine

Mervyn Danilewitz, MD

Associate Professor of Clinical Medicine

Colleen Demopoulos, BSN, CAPA

Nurse Manager
Perioperative Services/Endoscopy
Hospital of the University of Pennsylvania
*Nurse Planner

Gary W. Falk, MD, MS

Professor of Medicine
Clinical Co-Director (Adult GI),
Joint Center with CHOP
Director, Esophagology and Swallowing Center

Laurel R. Fisher, MD

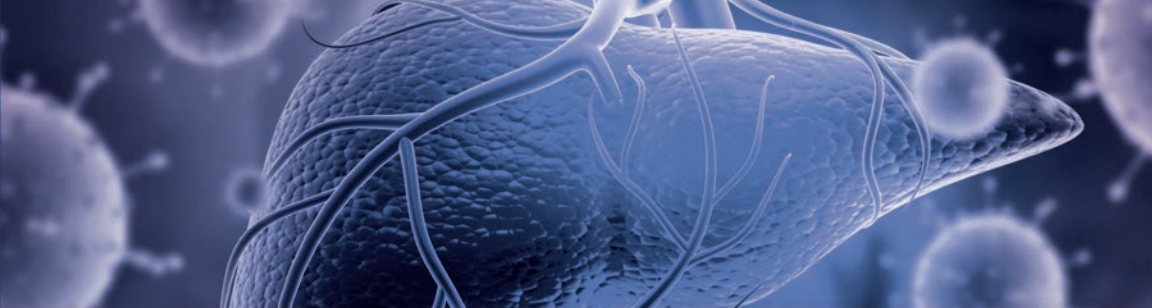
Professor of Clinical Medicine
Director, Small Bowel Imaging Program Chair,
Women in GI Committee

Immanuel Ho, MD

Clinical Professor of Medicine
Director of Interventional Endoscopy
Pennsylvania Hospital

Maarouf Hoteit, MD

Associate Professor of Clinical Medicine
Director of Liver Cancer Program
Associate Medical Director, Liver Transplantation

**David L. Jaffe, MD**

Professor of Clinical Medicine
Advisory Dean, Medical Students

Bryson Katona, MD, PhD

Professor of Medicine
Director, Gastrointestinal Cancer Genetics
Program Director, Gastrointestinal Cancer
Risk Evaluation Program Member
Abramson Cancer Center

Michael L. Kochman, MD

Wilmott Family Professor of Medicine
Director, Advanced Endoscopic Training
Director, Endoscopy Training
Director, Center for Endoscopic
Innovation, Research, and Training

Galen Leung, MD

Assistant Professor of Medicine

Nadim Mahmud, MD, MS, MPH, MSCE

Assistant Professor of Medicine
Assistant Professor, Center for Clinical
Epidemiology and Biostatistics

Jorge Marrero, MD, MS, (CRDSA), MSHCM

T. Grier Miller Professor of Medicine
Chief, Division of Gastroenterology
and Hepatology

Riccardo Morgenstern, MD

Clinical Associate Professor of Medicine

Frederick A. Nunes, MD

Clinical Professor of Medicine
Director of Gastroenterology
Pennsylvania Hospital

Kashyap Panganamamula, MD

Clinical Professor of Medicine
University of Pennsylvania School of Medicine
Division of Gastroenterology

Stacey Prenner, MD

Assistant Professor of Clinical Medicine

Kenneth D. Rothstein, MD

Professor of Clinical Medicine
Director of Regional Hepatology

Marina Serper, MD, MSc

Assistant Professor of Medicine

Steven Solga, MD

Associate Professor of Clinical Medicine
Director, Transplant Hepatology Fellowship

Joseph R. Triggs, MD, PhD

Assistant Professor of Clinical Medicine
Postdoctoral Researcher of Medicine

Ethan M. Weinberg, MD, MS

Assistant Professor of Clinical Medicine

DISCLOSURES

Penn Medicine, Office of Continuing Medical and Interprofessional Education, adheres to the *ACCME Standards for Integrity and Independence in Accredited Continuing Education*. Faculty disclosure information will be made available in the conference materials and syllabus. Faculty members are also expected to disclose to participants any discussions of off-label and/or investigational uses of pharmaceutical products within their presentations.



AGENDA

FRIDAY, MARCH 18, 2022

- 7:45 AM – 8:00 AM Sign into the Virtual Platform
- 8:00 AM – 8:15 AM **Welcome & Introduction**
Nuzhat Ahmad, MD, Gregory G. Ginsberg, MD and Jorge Marrero, MD
- 8:15 AM – 8:30 AM **Update on Celiac Disease**
Laurel Fisher, MD
- 8:30 AM – 9:30 AM **LIVE CASES**
Moderators: Ann Marie Joyce, MD and Riccardo Morgenstern, MD
- 9:30 AM – 10:00 AM **Poem for Achalasia and Other Esophageal Motor Disorders**
Joseph R. Triggs, MD, PhD
- 10:00 AM – 10:15 AM Break/Visit Virtual Exhibitor Hall
- 10:15 AM – 10:30 AM **Update on ESD**
Galen Leung, MD
- 10:30 AM – 11:30 AM **LIVE CASES**
Moderators: Gary Falk, MD and Ann Marie Joyce, MD
- 11:30 AM – 12:00 PM **Endoscopic Management of Colonic Obstruction**
Ann Marie Joyce, MD
- 12:00 PM – 1:00 PM Lunch
- 1:00 PM – 1:15 PM **When to Consider Genetic Testing Referral in Gastroenterology Practice**
Bryson Katona, MD, PhD
- 1:15 PM – 2:15 PM **LIVE CASES**
Moderators: Mervyn Danilewitz, MD and David Jaffe, MD
- 2:15 PM – 2:30 PM **Update on Endoscopy in IBD**
Anna Buchner, MD, PhD
- 2:30 PM – 3:00 PM Break/Visit Virtual Exhibitor Hall
- 3:00 PM – 4:00 PM **LIVE CASES**
Moderators: Immanuel Ho, MD and Kashyap Panganamamula, MD
- 4:00 PM – 4:45 PM **BOB LONG LECTURE**
How do we Work up an Indeterminate Biliary Stricture?
Ann Marie Joyce, MD



AGENDA

SATURDAY, MARCH 19, 2022

7:45 AM – 7:55 AM Sign into the Virtual Platform

7:55 AM – 8:00 AM **Welcome & Introduction**
David E. Kaplan, MD, MSc and K. Rajender Reddy, MD

SESSION I

Moderator: David E. Kaplan, MD, MSc

8:00 AM – 8:30 AM **Remaining Challenges in Hepatitis C**
Nancy Reau, MD

8:30 – 9:00 AM **Management of Nutrition and Frailty in Cirrhotic Patients**
Jennifer Lai, MD

9:00 AM – 9:35 AM **Achieving Weight Loss in NAFLD**
Ethan Weinberg, MD

9:35 AM – 10:05 AM **Case-Based Discussion**
Moderator: Frederick A. Nunes, MD
Panelists: Brenda Appolo, PA-C, Jennifer Lai, MD, Nancy Reau, MD, Kenneth D. Rothstein, MD and Steven Solga, MD

10:05 AM – 10:30 AM Break/Visit Virtual Exhibitor Hall

10:30 AM – 11:00 AM **A Middle-Aged Woman with Hematemesis (Variceal Hemorrhage, Baveno VII Update)**
David E. Kaplan, MD, MSc

11:00 AM – 11:30 AM **Palliative Care in End-Stage Liver Disease**
Jennifer Lai, MD

SESSION II

Moderator: Maarouf Hoteit, MD

11:30 AM – 11:55 AM **Management of Liver Disease in Pregnancy**
Nancy Reau, MD

11:55 AM – 12:55 PM Lunch

12:55 PM – 1:05 PM **Live Donation in Liver Transplant**
Therese Bitterman, MD

1:05 PM – 1:40 PM **Cirrhotic Patient who Needs Cholecystectomy**
Nadim Mahmud, MD

1:40 PM – 2:05 PM **A Young Woman with an Abnormal Liver Ultrasound (HCC/Adenoma)**
Stacey Prenner, MD

2:05 PM – 2:30 PM **Prevention and Management of Ascites**
Marina Serper, MD

2:30 PM – 2:45 PM **Wrap-up/Questions from the Audience**
Panelists: Maarouf Hoteit, MD and David E. Kaplan, MD, MSc

2:45 PM Adjourn

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AND LIVER DISEASE 2022**

MARCH 18-19, 2022

We strongly encourage you to register for this conference online by check or credit card at <https://upenn.cloud-cme.com/pennlive2022>

Questions? Contact us at:

penncme@penncme.upenn.edu • Phone: 215-898-6400 or 215-898-8005

Please note we are unable to accept faxed registration forms.

Please print or type

Name (First) _____ (Last) _____

Academic Degree _____

Medical Specialty _____

Affiliation (Hospital, Office, or Company) _____

Address (Affiliation or Home) _____

City _____ State _____ Zip _____

Phone _____ Fax _____

E-mail _____

REGISTRATION FEES

(pre-payment is required to be officially registered)

LIVE-STREAM (VIRTUAL) ATTENDANCE:

- Physicians and industry employees – \$100
- Nurse practitioners, nurses, physician assistants and other healthcare professionals – \$50
- There is no fee for residents, fellows, students and Penn Medicine GI Division employees, faculty and staff to attend.

PAYMENT METHOD

- If you are paying by check or credit card, please register online at <https://upenn.cloud-cme.com/pennlive2022>
- If you are paying by check, you may mail your completed registration form and check made payable to **The Trustees of the University of Pennsylvania/CME** to:
Conference Manager
Office of Continuing Medical & Interprofessional Education
Academic Programs, Penn Medicine, JMEC, SPE, 6th floor
3400 Civic Center Blvd, Bldg. 421
Philadelphia, PA 19104-5162
- Do not include any credit card information on the registration form or share via email.