

# **Mayo Clinic Innovations in Gastroenterology and Hepatology 2026: Artificial Intelligence and Beyond**

**Mayo Clinic Integrated Education and Research Building,  
Phoenix, AZ**

**January 16-17, 2026**

***Broadcast in Mountain Time***

**Friday, January 16, 2026**

7:00 AM | Registration, Breakfast & Exhibits

## **AI in Endoscopy**

**Moderator: Dennis Shung, M.D., M.H.S., Ph.D.**

8:00 AM | AI-Enabled Colonoscopy  
Michael B. Wallace, M.D. (half hour)

8:30 AM | Endoscopic Foundation Models: What Are They and How Do You Build It?  
Jeff R. Fetzer, M.S.

8:45 AM | AI Models for Risk Stratification of Duodenal Polyps: Advances and Pitfalls  
Dan A. Schupack, M.D.

9:00 AM | AI Applications in Capsule Endoscopy  
Shabana F. Pasha, M.D.

9:15 AM | AI is Changing IBD Endoscopy: Get Ready to Use It  
Nayantara Coelho-Prabhu, M.B.B.S.

9:30 AM | Panel Q&A

9:45 AM | Refreshment Break & Exhibits

## **Advanced Gastroenterology and Hepatology Care at Home**

**Moderator: Shounak Majumder, M.D.**

10:00 AM | Remote Monitoring for Acute Pancreatitis  
Vinay Chandrasekhara, M.D.

10:15 AM | Preventing Readmissions in Patients with Decompensated Cirrhosis  
Doug A. Simonetto, M.D.

10:30 AM | Leveraging Sensors and Wearables for Remote Care  
Tiffany Wu, M.D.

10:45 AM | Remote Post-operative Care After GI Surgery: Current State and Future  
Directions  
Joel J. Busch, APRN, C.N.P.

11:00 AM | Transforming Inpatient Care: What is on the Horizon?  
Lukas Manka, M.B.A.

11:15 AM | Panel Q&A

11:45AM	The Transformative Power of Innovation in Medicine Jay Pasricha, M.B.B.S., M.D.
12:00 PM	Q&A Jay Pasricha, M.B.B.S., M.D.
12:15 PM	Lunch / Poster Presentations & Exhibits
<b>Novel Endoscopic Devices and Techniques</b> <b>Moderator: Vinay Chandrasekhara, M.D.</b>	
1:15 PM	Endoscopic Management of Complex GI Fistulas: Impossible is Nothing Nav S. Buttar, M.D.
1:30PM	Endoscopic Management of PD Stones: New Tools for an Old Problem Samuel Han, M.D.
1:45 PM	EUS-Guided Anastomosis: The New Frontier Vinay Chandrasekhara, M.D.
2:00 PM	EUS-Guided Radiofrequency Ablation: Applications, Pitfalls, and Challenges Jad P. AbiMansour, M.D.
2:15 PM	Panel Q&A
2:30 PM	Refreshment Break & Exhibits
<b>Innovations in Risk Assessment and Early Detection of GI Diseases</b> <b>Moderator: Laura E. Raffals, M.D.</b>	
2:45 PM	Leveraging AI to Find the Population at Risk for Pancreatic Cancer Shounak Majumder, M.D.
3:00 PM	Is Automation Enhancing Colon Cancer Screening Quality and Adherence Derek W. Ebner, M.D.
3:15 PM	Changing Esophageal Cancer Screening One String at a Time Prasad G. Iyer, M.D., M.S.
3:30 PM	Stool Versus Blood-Based Screening for Colon Cancer: Is There a Clear Winner John B. Kisiel, M.D.
3:45 PM	The Evolving Landscape of Germline Testing in GI Cancers Kirk J. Wangensteen, M.D., Ph.D.
4:00 PM	Panel Q&A
4:15 PM	Innovative Pitch Competition - Shark Tank Style Moderators: James A Rogers, III, Brenna T. Loufek, M.S. and Course Directors 4:15 Overview of session by Moderators & Introduction of Judging Panel 4:20 Caroline Martinez - Sipple: AI-Powered Acoustic Screening to Transform Dysphagia Care Across the Lifespan (not for credit) 4:35 Jeff Fetzer and John League - Accelerating AI/ML for GI Endoscopy Videos with VC-6: A GPU-Optimized, Hierarchical Video Format

	4:50 Shradha Shalini - Automated Digital GI Previsit Planning (DiGI-PreP) Using Artificial Intelligence 5:05 Siddharth Singh - Large Language Model-Supported Systematic Reviews to Augment Clinical Guideline Development: An AGA Pilot 5:20 Final Q&A from Judging Panel, Attendees, and Selection of "Top Pitch"
5:30 PM	Welcome Reception

## Saturday, January 17, 2026

7:00 AM	Registration, Breakfast & Exhibits
<b>Large Language Models: Emerging applications in GI Diseases</b> <b>Moderator: Doug A. Simonetto, M.D.</b>	
7:30 AM	LLMs Saving Time for the Busy Clinician Alexander J. Ryu, M.D.
7:45 AM	Synthetic Data and Digital Twins: From Trials to Individualized Medicine Joseph C. Ahn, M.D.
8:00 AM	IBD – Standardizing Disease Assessment from Descriptors and Endoscopy Anna L. Silverman, M.D.
8:15 AM	Can LLMs Stop the "Bleed?" Dennis Shung, M.D., M.H.S., Ph.D.
8:30 AM	Panel Q&A
8:45 AM	Break
<b>New Tools for the Management of GI Diseases</b> <b>Moderator: Nayantara Coelho-Prabhu, M.B.B.S.</b>	
9:00 AM	Can AI Bring New Insights to Bowel Manometry Arthur Beyder, M.D., Ph.D.
9:15 AM	Novel Noninvasive Assessment of Portal Hypertension: The SHAPE Algorithm Jaydev K. Dave, Ph.D.
9:30 AM	Leveraging VR for Endoscopy Sedation Iris Wang, M.D.
9:45 AM	Modifying the Microbiome to Treat C Diff: Recent Advances Beyond Standard FMT Sahil Khanna, M.B.B.S., M.S.
10:00 AM	Emerging Digital Tools for Managing Disorders of Brain-Gut Interaction David J. Cangemi, M.D.
10:15 AM	Panel Q&A
10:30 AM	Refreshment Break & Exhibits

**Selected Oral Abstract Presentations**

Moderator: Samuel Han, M.D.

10:45 AM	Synthetic Data Generation Enables Privacy-Preserving Multi-Site Training for Generalizable AI Models in Alcohol-Associated Hepatitis Uman Arora, M.B.B.S.
11:00 AM	Hybrid Large Language Models for Automated Extraction of Pancreatic Ductal Adenocarcinoma Risk Factors from Clinical Notes Anup Mishra, Ph.D., M.S.
11:15 AM	GLP1 Receptor Agonists in Patients with Inflammatory Bowel Diseases and Obesity and/or Diabetes: A Target Trial Emulation Siddharth Singh, M.D.
11:30 AM	In-depth Radiological and Explainability Analysis of Deep Learning Michael Wallace, M.D., M.P.H.

**The GI Innovation Toolkit****Moderator: John B. Kisiel, M.D.**

11:45 AM	Developmental Endoscopy Unit: A Sandbox for Endoscopic Innovation Jad AbiMansour, MD
12:00 PM	The GI AI Lab: Key Ingredients for Success Dennis Shung, M.D., M.H.S., Ph.D.
12:15 PM	Software as Medical Device - Update on FDA Requirements Brenna T. Loufek, M.S.
12:30 PM	Business Model for AI Health Products: What do Developers Need to Know James A Rogers, III and Panos Korfiatis, Ph.D.
12:45 PM	Preparing the Next Generation of GIs for the Digital Era Laura E. Raffals, M.D.
1:00 PM	Panel Q&A
1:15 PM	Closing Comments Course Directors
1:30 PM	Adjourn / Box Lunch To Go