



**Option 5 Satellite Program**  
**What Am I Looking At?**  
**Understanding the Tools-of-the-Trade in Advanced Endoscopic Imaging**  
Thursday, December 13, 2018  
5:45 pm – 9:00 pm

**Course Directors**

Amrita Sethi, MD, MSc and Arvind Trindade, MD

**Faculty**

David L. Carr-Locke, MD; Tonya Kaltenbach, MD, MS; Vivek Kaul, MD; Makoto Nishimura, MD; Michael S. Smith, MD, MBA

**Intended Audience**

Gastroenterologists and GI Fellows

**Course Description**

Advances in imaging of the GI tract have the potential to change the paradigm of disease detection, tissue sampling, and resection strategies. “Optical biopsies” may allow for more efficient surveillance exams and help to guide therapy. However, to fully optimize these tools, learning and adopting new modes of pattern recognition and interpretation will be required. This course will review the more widely accepted and utilized modes of advanced imaging throughout the GI tract. Modalities such as NBI, BLI, magnification endoscopy, and other chromoendoscopy for the detection of dysplasia in Barrett’s esophagus and gastric neoplasms will be presented. Colon polyp nomenclature such as Paris classification, pit patterns, and other classification systems will be reviewed and updates in imaging of the colon in inflammatory bowel disease will be discussed. Advanced imaging of the pancreaticobiliary system including cholangioscopy and confocal imaging will also be examined.

**Learning Objectives**

- Assess participant pre-course knowledge of advances in endoscopic imaging
- Discuss the use and image interpretation of NBI, BLI and magnification endoscopy in the detection of dysplasia in Barrett’s esophagus
- Explain the use and image interpretation of confocal laser endomicroscopy and VLE in Barrett’s esophagus
- Describe the performance of a thorough gastric endoscopic exam utilizing current advanced endoscopic imaging tools
- Recognize current classification systems of colon polyps including Paris classification, Kudo pit patterns, and JNET classification
- Review updates in advanced imaging in inflammatory bowel disease
- Outline advances in pancreaticobiliary imaging such as cholangioscopy and confocal laser endomicroscopy
- Evaluate participants post-course knowledge of advances in endoscopic imaging

## **Agenda**

5:45 – 6:00 pm	<b>Registration and Refreshments</b>
6:00 – 6:20 pm	<b>Introduction and Pre-Test</b> Amrita Sethi, MD, MSc
6:20 – 6:40 pm	<b>Electronic Chromoendoscopy of Barrett’s Esophagus and Other Esophageal Neoplasms</b> Michael S. Smith, MD, MBA
6:40 – 7:00 pm	<b>Confocal and VLE Imaging of Barrett’s Esophagus</b> Arvind Trindade, MD
7:00 – 7:20 pm	<b>Examining the Stomach: Are We Really Doing a Complete Job?</b> Makoto Nishimura, MD
7:20 – 7:40 pm	<b>Colon Imaging: Patterns, Classifications, and Implications</b> David L. Carr-Locke, MD
7:40 – 8:00 pm	<b>Advanced Imaging in Inflammatory Bowel Disease: What Do We Need to Know?</b> Tonya Kaltenbach, MD, MS
8:00 – 8:20 pm	<b>Advances in Pancreaticobiliary Imaging</b> Vivek Kaul, MD
8:20 – 9:00 pm	<b>Post-Test</b> <b>Review of Post-Test Questions and Answers</b> All Faculty

## **Accreditation Statement**

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the providership of Albert Einstein College of Medicine and the New York Society for Gastrointestinal Endoscopy. Albert Einstein College of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

## **Credit Designation**

Albert Einstein College of Medicine designates this live activity for a maximum of **3.0 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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