



**ANMS Workshop • Sponsored by Medtronic**

**A comprehensive, interactive, and hands-on workshop**

## **Esophageal, Gastric, Colonic, and Anorectal Diagnostic Motility**

**for practicing clinicians, nurses, and advanced practitioners**

**Saturday, February 22, 2020 • 8:30 am – 4:00 pm**

**Atrium Health, Carolinas Medical Center**

**1000 Blythe Boulevard, Charlotte, NC 28204**

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### **Overview**

This 1-day workshop will review all the diagnostic strategies used to evaluate esophageal, gastric, colonic, and anorectal motility disorders. Internationally known motility experts will teach their standardized method for reading of esophageal motility (high-resolution impedance manometry [HRIM]), gastroesophageal reflux testing (48–96-hour Bravo, traditional [single and dual channel], and pH-impedance studies), EndoFLIP system, wireless motility capsule (WMC), gastric emptying breath tests (GEBT), electrogastrography (EGG), and anorectal manometry (ARM). The talks will provide not only case-based clinical scenarios where motility testing is useful, but also show participants how the testing is performed in a standardized fashion, how to gain the most out of the diagnostic tools, and how to better determine the underlying disorder for more targeted treatments, in clinical practice and non-academic environment.

- Case-based simulations of EndoFLIP, HRIM, reflux testing, electrogastrography, WMC, and ARM
- Clinical videos demonstrating the different motility disorders
- Video and interactive demonstrations of manometries, pH, WMC, and electrogastrogram testing

### **Intended Audience**

Our audience will not only include gastroenterologists and surgeons from academic and private practices, but also GI fellows interested in exposure to diagnostic motility testing, advanced practitioners, nurses, medical assistants, and technicians who are involved in adult and pediatric motility testing and clinical care of patients with motility disorders. Pharmaceutical and device manufacturers involved in the field are also welcome.

### **Outcomes/Desired Results**

1. To learn the Chicago Classification method for interpretation and evaluation of esophageal disorders using high-resolution manometry and how to complement that with EndoFLIP for purposes of establishing competency
2. To distinguish different presentations of reflux and their evaluation based on currently available testing, including impedance planimetry
3. To gain exposure to the new FDA-approved gastric emptying breath tests and other diagnostic testing for patients with gastroparesis, such as wireless motility capsule and electrogastrography to record gastric myoelectrical activity
4. To learn the indication, interpretation of high resolution anorectal manometry, and ANMS, London, and Chicago classification and protocols.

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**Fee: \$125 Physicians • \$75 Trainees • \$100 Allied Health • Register online by February 1, 2020**

**[www.motilitysociety.org](http://www.motilitysociety.org)**

Click **MEETINGS** tab at top of web page • Choose **Charlotte ANMS Workshop** to register

**Please note:** This is a non-CME event. There is no room block for hotel reservations.

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*see agenda next page*

8:30–9:00 am	Continental breakfast (Suzanne Hill Freeman Auditorium–CMC Auditorium)		
9:00–10:15 am	<p><b>How to do</b> esophageal function testing, including FLIP protocol  <b>Case presentations</b> of achalasia, jackhammer esophagus, distal esophageal spasms, and esophageal hernias  <b>Chicago classification</b> for interpretation of all testing demonstrated  <b>Discussion</b> of difficult manometry cases when a hernia is seen  <i>C. Prakash Gyawali</i></p>		
10:15–10:25 am	Q & A session		
10:25–11:05 am	<p><b>Discussion of the various pH tests available, including</b></p> <ul style="list-style-type: none"> <li>• Bravo pH (48 versus 96 hours)</li> <li>• impedance pH for refractory PPIs (on/off PPIs)</li> <li>• tests for globus and reflux hypersensitivity or functional heartburn</li> </ul> <p><i>C. Prakash Gyawali</i></p> <ul style="list-style-type: none"> <li>• treatment of globus, belching disorders, and rumination  <i>Elyse Thakur</i></li> </ul>		
11:05–11:15 am	Q & A session		
11:15–11:30 am	Break (snacks)		
11:30 am – 12:30 pm	<p><b>Interpretation and discussion of motility and transit testing for gastroparesis with use of the following:</b></p> <ul style="list-style-type: none"> <li>• GEBT, EGG, scintigraphy, water load satiety testing • <i>Kenneth Koch</i></li> <li>• Wireless motility capsule • <i>Baha Moshiree</i></li> <li>• EndoFLIP for the pylorus • <i>Jason Baker</i></li> <li>• G-POEM and surgical placement of gastric stimulator and workup needed • <i>Paul Colavita</i></li> </ul>		
12:30–12:40 pm	Q & A session		
12:40–1:25 pm	Lunch		
1:25–1:55 pm	<ul style="list-style-type: none"> <li>• Anorectal manometry testing: constipation, fecal incontinence</li> <li>• Discussion of the newly published London Protocol  <i>Satish Rao</i></li> </ul>		
1:55-2:10 pm	<ul style="list-style-type: none"> <li>• <i>Move to rooms for parallel hands-on sessions</i></li> <li>• <i>Participants may rotate between the three parallel sessions (locations pending)</i></li> </ul>		
2:10–4:00 pm Parallel Sessions	<p><b>Parallel Session 1</b>  Esophageal  <i>Jason Baker, C. Prakash Gyawali, Paul Colavita</i></p>	<p><b>Parallel Session 2</b>  Stomach  <i>Kenneth Koch, Baha Moshiree, Mackenzie Jarvis</i></p>	<p><b>Parallel Session 3</b>  Anorectal Manometry  <i>Satish Rao, Dawn Vickers</i></p>
	<p><b>Hands-on:</b> HRM, endoFLIP, and pH testing  <b>Demonstration</b> of esophageal manometry, with marking a study  <b>Case-based learning:</b>  <b>Learn how</b> to mark studies and develop hands-on skills  <b>Discuss difficult cases,</b> such as EGJ outflow obstruction, hiatal and paraesophageal hernias</p>	<p><b>Hands-on Demonstration:</b>  EGG, WMC, and GEBT  <b>Videos &amp; examples:</b>  previously obtained WMCs showing examples of normal, delayed gastric, small bowel, and colonic transit; EGGs showing normal, hypernormal, and tachygastric gastric myoelectrical events  <b>Ask questions</b> about difficult scenarios seen in practice</p>	<p><b>Hands-on:</b> anorectal manometry &amp; balloon expulsion testing  <b>Videos &amp; examples:</b>  previously obtained ARM will be reviewed  <b>Ask questions</b> about difficult scenarios seen in practice  <b>London Protocol</b>  <b>Learn how</b> it is applied for interpretation of ARM and for compliance measurements</p>
4:00 pm	Adjourn		