Day 1: Monday, October 14, 2019
Gl Endoscopy

7:30-7:45 am  Shuttle to TMI
7:45-8:00 am  Registration
8:00-8:30 am  Welcome/Breakfast / Introduction
8:30–9:30 am  Discussion: Esophagus and Foreign Body Removal
   Dr. Mike Leib
   Participants will learn the basic endoscopic techniques for foreign body removal from the
   esophagus, normal and abnormal endoscopic findings, and various techniques for esophageal
   foreign body removal.

9:30-10:00 am  Break

10:00 – 11:00 am  Discussion: Gastric and Foreign Body Removal
   Dr. Mike Leib
   Participants will learn the basic endoscopic techniques for foreign body removal from the
   stomach, normal and abnormal gastric endoscopic findings, and various techniques for gastric
   foreign body removal.

11:00 am – 12:00 pm  Discussion: Upper Intestinal
   Dr. Mike Leib
   Participants will learn how to pass through the pyloris for examination of the duodenum, normal
   and abnormal endoscopic findings and the techniques for obtaining intestinal biopsies.
12:00 – 12:50 pm  **Discussion: Large Intestine**  
*Dr. Mike Leib*

Participants will learn techniques for colonic preparation prior to endoscopy, endoscopic techniques for evaluating the colon and ileum, and abnormal pathologic findings of the large intestine.

12:50-1:30 pm  **Lunch**  
Sponsored by

1:30-5:30 pm  **Lab 1: Upper GI Endoscopy**  
*Dr. Mike Leib, Dr. David Twedt, Dr. Craig Webb*

1. Endoscopy of the esophagus, stomach and duodenum  
2. Endoscopic foreign body removal  
3. Wrap up Q and A

Participants will learn basic endoscopic handling techniques for examination of the esophagus, stomach and duodenum.

**Break**

5:45-7:15 pm  **Resident Mixer**  
Sponsored by

7:15 pm-  **Dinner (on own)**
Day 2: Tuesday, October 15, 2019
GI Endoscopy (continued)

7:45-8:00 am  Shuttle to TMI
8:00-8:30 am  Breakfast / Pre-Lab Orientation
8:30–9:30 am  Discussion: PEG Tube/ Stricture Management
  Dr. Mike Leib
  Participants will learn the technique and indications for percutaneous endoscopic gastrotomy
  tube placement and the techniques for endoscopic treatment of esophageal strictures.

9:30-11:30 am  Lab 2: PEG Tubes / Strictures
  Dr. Mike Leib, Dr. David Twedt, Dr. Craig Webb
  1. GI biopsy techniques
  2. PEG tube placement
  3. Esophageal stricture management
  Participants will perform upper gastrointestinal endoscopy and biopsies, place endoscopic
  feeding tube and learn how to perform balloon dilation of esophageal strictures.

Break

11:30 am-12:15 pm  Lunch
  Sponsored by endoscopy support services, inc.

12:30-5:30 pm  Lab 3: Upper and Lower GI Endoscopy
  Dr. Mike Leib, Dr. David Twedt, Dr. Craig Webb
  1. Upper GI endoscopy (esophagus, stomach and duodenum)
  2. Lower GI endoscopy (colon and ileum)
  3. Foreign Body Removal Colonoscopy
  Participants will perform upper and lower gastrointestinal endoscopy in dogs and remove gastric
  foreign bodies.

Break

5:30-6:00 pm  Discussion: Instrument Cleaning and Care
  Dr. David Twedt
  Participants will learn proper endoscopic care and cleaning.

6:15-8:00 pm  Group Dinner
Day 3: Wednesday, October 16, 2019

Urology/Respiratory

7:45-8:00 am  Shuttle to TMI
8:00-8:30 am  Breakfast / Introduction
8:30–10:00 am  Discussion: Respiratory Endoscopy
               Dr. Lynelle Johnson
               Participants will learn respiratory endoscopic techniques including bronchoscopy, laryngoscopy
               and rhinoscopy and normal respiratory anatomy and pathologic findings.

10:00 – 10:15 am Break

10:15–11:15 am  Discussion: Respiratory Endoscopy (continued)
                 Dr. Lynelle Johnson

11:15 am-12:30 pm  Lab 4: Bronchoscopy Models
                     Dr. Lynelle Johnson, Dr. David Twedt, Dr. Craig Webb
                     1. Bronchoscopy technique
                     2. Learning bronchoscopic anatomy
                     3. Bronchial foreign body removal
                     Participants will perform bronchoscopy using models to learn the normal respiratory anatomy.

12:30-1:00 pm  Lunch
Sponsored by endoscopy support services, inc.

1:00-2:45 pm  Discussion: Cystoscopy
               Dr. Dennis Chew
               Participants will learn endoscopic techniques for lower urinary system evaluation, normal urinary
               anatomy and pathology and biopsy techniques and urethral bulking procedures.

2:45-3:00 pm  Break

3:00-4:00 pm  Discussion: Cystoscopy (continued)
               Dr. Dennis Chew

4:00-5:30 pm  Lab 5: Lower Urinary System Examination
               Dr. Dennis Chew, Dr. David Twedt, Dr. Craig Webb
               1. Urethroscopy and cystoscopy in cadavers
               2. Urethral bulking procedures
               Participants will learn how to perform urethroscopy and cystoscopy.

6:00-8:30 pm  Group dinner
Day 4: Thursday, October 17, 2019

Urology/Respiratory (continued)

7:45-8:00 am  Shuttle to TMI
8:00-8:30 am  Breakfast / Introduction
8:30 am-12:00 pm  Lab 6:  Rhinoscopy, Bronchoscopy, Cystoscopy, Urethral Bulking
                   Dr. Dennis Chew, Dr. Lynelle Johnson, Dr. David Twedt, Dr. Craig Webb
                   1.  Rhinoscopy
                   2.  Bronchoscopy
                   3.  Cystoscopy
                   4.  Urethroscopy
                   Participants will perform rhinoscopy and sinoscopy in canines, perform bronchoscopy and bronchial biopsy and foreign body removal, perform cystoscopy and urethroscopy, perform urethral bulking procedures and laryngoscopy.

Break

12:00-12:45 pm  Lunch
                   Sponsored by

12:45-5:00 pm  Lab 7:  Cystoscopy, Rhinoscopy, Laryngoscopy and Bronchoscopy
                   Dr. Dennis Chew, Dr. Lynelle Johnson, Dr. David Twedt, Dr. Craig Webb
                   1.  Cystoscopy
                   2.  Rhinoscopy
                   3.  Laryngoscopy
                   4.  Bronchoscopy
                   Participants will perform rhinoscopy, laryngoscopy and bronchoscopy, urethroscopy and cystoscopy; participants will learn to perform bronchial lavage.

Break

5:00-5:30 pm  Wrap-Up Discussion: Q&A
                   Dr. Dennis Chew, Dr. Lynelle Johnson, Dr. David Twedt, Dr. Craig Webb

5:30 pm  Course Concludes
6:00-9:00 pm  Group Dinner