



Blue Pearl Residents Boot Camp

February 12-15, 2024

Complete all pre-course content before course begins.

Day 1

Endoscopy (IM/ECC)

- 7:30 am *Breakfast and Welcome*
- 8:00 am **Laboratory 1:** Basic Introduction to the Endoscope
- 9:30 am *Break*
- 9:45 am Normal Esophagus, Stomach and Pyloric Entry - *Dr. Mike Leib*
- 10:45 am GI Foreign Body Removal and PEG Tube Placement - *Dr. Dave Twedt*
- 12:00 pm *Lunch*
- 1:00 pm **Laboratory 2:** Upper GI Endoscopy and Foreign Body Removal (Cadavers)
- 2:30 pm *Break*
- 2:45 pm **Laboratory 2 (cont.):** Upper GI Endoscopy and Foreign Body Removal
- 4:15 pm **Laboratory 3:** Endoscopic Cleaning and Management
- 5:00 pm *End of Day*

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Day 2

Endoscopy (IM)

- 8:30 am *Breakfast*
- 9:00 am **Laboratory 1:** Endoscopy and Live Dogs
- 12:00 pm *Lunch*
- 1:00 pm Diseases of the Esophagus, Stomach and Intestine - *Dr. Mike Leib*
- 2:30 pm Incorporating Endoscopy in Practice and Some Endoscopic Cases - *Dr. Todd Tams*
- 3:30 pm Wrap-Up Review Q&A – *Dr. David Twedt*
- 4:30 pm *End of Day – Dr. David Twedt*

Day 2

Ultrasound (ECC)

- 8:30 am *Breakfast*
- 9:00 am **Laboratory 1:** Endoscopy and Live Dogs
- 12:00 pm *Lunch*
- 1:00 pm Volume Status Assessment using POCUS – *Dr. Liz Guieu*
- 2:30 pm Cardiac POCUS & Case-Based Discussion - *Dr. Brianna Potter*
- 4:30 pm *Wrap up Q & A End of Day*

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Day 3

Internal Medicine (IM)

8:30 am	<i>Breakfast</i>
9:00 am	Laboratory 1: Introduction to Rigid (MPR) and Flexible Respiratory and Urinary Endoscopes
10:00 am	Technique and Tips for Cystoscopy - <i>Dr. David Twedt</i>
11:00 am	<i>Break</i>
11:15 am	Technique and Tips for Respiratory Endoscopy - <i>Dr. David Twedt</i>
12:00 pm	<i>Lunch</i>
1:00 pm	Technique and Tips for Respiratory Endoscopy - <i>Dr. David Twedt (cont)</i>
1:45 pm	Laboratory 2: Rhinoscopy, Bronchoscopy and Cystoscopy (Cadavers and Lung Models)
4:45 pm	<i>Wrap-Up and Q&A</i>
5:00 pm	<i>End of Day</i>

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Day 3

Ultrasound (ECC)

8:30 am	<i>Breakfast</i>
9:00 am	Laboratory: <i>Live Dogs US</i>
12:00 pm	<i>Lunch</i>
1:00 pm	<i>Case-Based Discussion: How to Optimize the Use of Thoracic and Abdominal POCUS at the Bedside – Dr. Liz Guieu</i>
2:45 pm	<i>Break</i>
3:00 pm	<i>Echocardiographic Manifestations of Cardiac Disease - Dr. Brianna Potter</i>
4:30 pm	<i>Wrap up and Q&A</i>
5:00 pm	<i>End of Day</i>

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Day 4 **Pre course** Ultrasound introduction: Basic physics, artifacts, probe selection and machine knobology (1 hour)
Emergency and Critical Care (ECC)/IM

7:30 am *Breakfast*

8:00 am Systematic Approach to Abdomen Scanning and Hepatobiliary and Spleen

9:00 am Urogenital and Adrenal

10:00 am *Break*

10:15 am GI and Pancreas (to include perforation/free air) and Large Vessels

11:15 am Case Review of All Sections

(Topics covered in these lectures will include normal anatomy/ how to find plus:

1. Hepatobiliary and spleen – gall bladder mucoceles, hepatic abscesses, splenic torsion, masses of liver and spleen
2. Urogenital and adrenal – AKI, pyelonephritis, ethylene glycol toxicity, ureteral stones, emphysematous cystitis, pyometra, prostatic abscess, adrenal masses
3. GI and pancreas and large vessels– inflammatory disease, neoplastic disease, GI foreign bodies, evidence of GI perforation, pancreatitis, vascular thrombi and tumor invasion
4. Case review to reinforce learning points

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Day 4, contd

12:15pm *Lunch*

1:00 pm **Laboratory:** *Abdominal Ultrasound (live dog)*

5:00 pm *End of Course*

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