



Advanced Airway Techniques Lab

TU-87; TU-122; TU-148; WE-324; WE-325; WE-326 / 2 hours

Tuesday Faculty: Michael A. Gibbs, MD, FACEP (Moderator)

Wednesday Faculty: Michael R. Baumann, MD, FACEP (Moderator)

Tuesday, October 9 / 8:00 AM - 9:50 AM; 12:30 PM - 2:20 PM; 3:00 PM - 4:50 PM

Wednesday, October 10 / 8:00 AM - 9:50 AM; 12:30 PM - 2:20 PM; 3:00 PM - 4:50 PM

Emergency physicians must be experts in airway management. This lab is designed to provide you with hands-on experience in several airway management techniques including open and percutaneous cricothyrotomy, intubating LMA, Bougie, Combitube, intubating stylet, and hand-held fiberoptic technology. (*Prior attendance in "Unexpected Difficult Airway: How to Avoid It and How to Manage It is" required. This lab is limited to 35 participants.*)

Airway Nightmares: Case Studies and Horror Stories

TU-127 / 1 Hour

Faculty: Robert J. Vissers, MD, FACEP, FRCPC

Wednesday, October 9 / 1:30 PM - 2:20 PM

Certain airway scenarios (e.g., the morbidly obese, rheumatoid arthritis, anatomic distortion) create anxiety for even the most seasoned emergency physicians. The speaker will use illustrative cases to discuss the unique challenges posed by these patients and thoughtful strategies for managing them. The speaker also will review what to do when things go horribly wrong.

Blocks Unblinded: Ultrasound-Guided Regional Anesthesia

MO-01 / 1 Hour

Faculty: Michael B. Stone, MD, RDMS

Monday, October 8 / 8:00 AM - 8:50 AM

Regional anesthesia plays an important role in minor ED procedures, particularly in situations where sedation or parenteral medication is inappropriate. The tried and true landmark-based techniques leave much to be desired. Increasingly, bedside ultrasound is being used as a visual adjunct for nerve blocks, particularly of the extremities. The speaker will offer a wide range of examples where ultrasound can truly guide your regional block, increasing success rates, and decreasing dependence on procedural sedation options. (*This lecture is a prerequisite to the "Ultrasound-Guided Regional Anesthesia Lab".*)

Cutting-Edge Airways

TH-291 / 1 Hour

Faculty: Calvin A. Brown III, MD

Thursday, October 11 / 10:00 AM - 10:50 AM

There has been an explosion of novel airway devices and procedures in the past five years. The make-up, scope, and utility of these various new devices and procedures can be hard to keep pace with. The speaker will review the most important new techniques and devices (extraglottic, video laryngoscopy, fiberoptic, surgical) and the literature describing their performance characteristic in difficult airway scenarios.

Non-Invasive Airway Management: What, How, Why?

MO-21 / 1 Hour

Faculty: Peter M. DeBlieux, MD, FACEP

Monday, October 8 / 12:30 PM - 1:20 PM

Endotracheal intubation has been the traditional standard for the management of acute respiratory failure of any etiology. However, recent evidence suggests that a subgroup of patients may suffer fewer risks and derive greater benefit from non-invasive airway management techniques. The speaker will describe the currently available non-invasive airway techniques, how to utilize them in an emergent setting, and their potential impact on survival, patient comfort, and the cost of hospitalization.

No Pain, Big Gain: Effective Pain Management

TH-294 / 1 Hour

Faculty: Bradford L. Walters, MD, FACEP

Thursday, October 11 / 10:00 AM - 10:50 AM

Pain is the most common complaint of patients who present to the ED for acute care. Unfortunately, emergency physicians may not always provide adequate and timely pain relief. Using a challenging, case-based format, the speaker will discuss pharmacologic and nonpharmacologic methods for efficient and effective pain relief. Emphasis will be placed on recent advances and algorithmic approaches in the management of certain painful conditions.

Pediatric Airway Panic or Advanced Pediatric Airway Management?

TH-314 / 1 Hour

Faculty: Marianne Gausche-Hill, MD, FACEP

Thursday, October 11 / 12:00 PM - 1:00 PM

Do you panic when there is an agitated, semiconscious infant or toddler with a compromised airway? The ability to manage a child's airway quickly is one of the most important lifesaving skills an emergency physician can possess. The speaker will address indications for invasive vs. non-invasive airway management, RSI, correct drug dosages, unique indications for pharmacologic agents, and tube dimensions for children of various ages. The speaker will also review airway management in neonates and other useful airway management tips to provide meaningful quality care for this special population.

Procedural Sedation: The Nuts and Bolts

MO-35 / 1 Hour

Faculty: Sanjay Arora, MD

Monday, October 8 / 1:30 PM - 2:20 PM

How comfortable are you with procedural sedation? Using a case-based approach, the speaker will discuss patient selection, pre-procedure evaluation, and commonly used medications and pitfalls in management. Reimbursement issues and Medicare billing codes also will be reviewed.

Ultrasound-Guided Regional Anesthesia Lab

MO-15; MO-39; MO-64; TU-319; TU-321; TU-323 / 2 hours

Monday Faculty: Michael B. Stone, MD, RDMS (Moderator); Mikaela L. Chilstrom-Baker, MD; Andrew Herring, MD; Jennifer V. Huang, DO; Heidi H. Kimberly, MD; Vicki E. Noble, MD

Tuesday Faculty: Andrew Herring, MD (Moderator); Kris Chiles, MD; Oron Frenkel, MD; Otto Liebmann, MD; Suzanne Lippert, MD; Nathan A. Teismann, MD

Monday, October 8 / 10:00 AM - 11:50 AM; 1:30 PM - 3:20 PM; 4:00 PM - 6:00 PM

Tuesday, October 9 / 8:00 AM - 9:50 AM; 12:30 PM - 2:20 PM; 3:00 PM - 4:50 PM

During this hands-on lab, participants will perform simulations of the following regional anesthesia blocks: distal forearm, brachial plexus, femoral, cluneal, paraspinal, popliteal.

Attendees will employ the use of phantoms, patient models, and their fellow participants themselves as anatomic fodder. A representative sample of currently available ultrasound machines will be used. (*Prior attendance in "Blocks Unblinded: Ultrasound-Guided Regional Anesthesia" is required. This lab is limited to 25 participants.*)

The Unexpected Difficult Airway: How to Avoid It and How to Manage It

MO-49 / 1 Hour

Faculty: Michael A. Gibbs, MD, FACEP

Monday, October 8 / 3:00 PM - 3:50 PM

Nothing is more stressful for the emergency physician than a "cannot intubate, cannot ventilate" airway scenario. To stay out of trouble, the emergency physician must possess the skills to identify the potentially difficult airway before a management approach is chosen and executed. In addition, a sophisticated understanding of contemporary airway rescue techniques and mastery of these is crucial. (*This course is a prerequisite to the "Advanced Airway Techniques Lab".*)

MO = Monday TU = Tuesday WE = Wednesday TH = Thursday