

Simulation Sessions



Abdul 'AB' Alraiyes, MD

2025 Simulation Chair



Audra Schwalk, MD

2025 Simulation Co-Chair

High-yield, task-oriented 90–150-minute hands-on simulation sessions. Interact with expert faculty in small groups and choose from seven skill-specific sessions. Learn flexible bronchoscopy, ablation modalities, lung volume reduction, and more. Improve your skills and gain valuable insights in a safe simulation environment. Join us for an immersive learning experience!

Register now as spaces are limited.

Simulation Session 1: Stents – Expanding the horizon – Tips from the Experts

- Define the necessary equipment for SEMS insertion through the ETT/rigid bronchoscope technique without fluoroscopy via flexible bronchoscopy.
- Describe the step-by-step process for stent selection and deployment via flexible bronchoscopy.
- Highlight stent- tissue interactions and stents' utilization in benign and malignant disease.
- List post procedure strategies to minimize stent-related adverse events.

Simulation Session 2: Fire and Ice – Thermal Toolkit Tips

- Review the steps for safe application of electrosurgery with a focus on optimal gas flow, anesthesia settings, and interference with implantable devices (ICD/pacemaker).
- Review the basic principles and the system set up for coagulation and cutting effects.
- Practice cryodebulking and review the applications of cryotherapy into an IP program.
- Describe various ablation modalities to manage airway stent complications.

Simulation Session 3: Tips and Tricks for Optimizing Yield in Peripheral Bronchoscopy

- Practice planning pathways to “hard to reach” lung nodules using different advanced bronchoscopy platform.
- Practice the steps of registration, navigation, and target confirmation on each platform.
- Describe tricks to prevent atelectasis, from pre-procedure optimization, anesthesia management and patient positioning for peripheral bronchoscopy.
- Discuss tools to optimize yield and how to combine peripheral platforms with radial EBUS and advanced

imaging tools in peripheral nodule sampling.

Simulation Session 4: Planning and Performing BLVR – Tips from the Experts;

- Highlight the applications of tools to assess fissure integrity via CT analysis and Chartis.
- List the steps for airway sizing and valve deployment.
- Review BLVR in the marginal candidate (high PCO₂, low BMI, low fev₁+dlco, pulmonary nodule) and the application of BLVR use as a bridge to transplant.
- Describe the post-BLVR follow-up and outcome measurements.

NEW THIS YEAR – Simulation Session 5: Interventional Pulmonology for the Pediatric Patient -Advanced and Therapeutic Bronchoscopy Skills

- Review the steps for safe application of electrocautery with a focus on optimal gas flow and anesthesia settings
- Review the basic principles and the system set up for coagulation and cutting effects
- Practice cryodebulking and cryoextraction
- Demonstrate the ability to localize a peripheral lesion using radial EBUS
- Display the ability to navigate the curvilinear EBUS scope to a target lymph node and successfully acquire a sample

NEW THIS YEAR –Simulation Session 6: Pleural Procedures: Tips for Clinic and Bedside Care

- Enhance your skills in thoracentesis, tube thoracostomy, and tunneled indwelling pleural catheter placement through this hands-on simulation session.
- Expert-led instruction will focus on procedural techniques, complication management, and best practices for safe, effective bedside and clinic procedures.
- Ideal for learners at all levels seeking practical

experience in a controlled setting.

NEW THIS YEAR –Simulation Session 7: Interventional Pulmonology Applications in the Intensive Care Unit – Tips and Tricks for Difficult Cases

- Highlight the indications and contraindications for percutaneous tracheostomy and cricothyrotomy
- List the steps for bronchoscopic-assisted percutaneous tracheostomy placement
- Demonstrate the ability to perform lung isolation and endobronchial blocker placement for massive hemoptysis
- Review tools available for foreign body removal using flexible bronchoscopic techniques like forceps, basket, and cryoprobe

*Please note that **in order to attend the Simulation Sessions you must be [registered](#) to attend the Annual Meeting.***

[Register](#) now, as spaces for the Simulation Sessions are limited.

Missed an activity during registration?

You can still add Simulation Sessions, the Fun Run/Walk, or Yoga to your registration. To do so, please contact us at reg_aabip@kenes.com, and we'll be happy to assist.