



Wexner
Medical
Center

Basic Bronchoscopy Course

July 18, 2014

The Ohio State University, Columbus, OH

7:45 am Welcome and Introduction
Pretest

Flexible Bronchoscope: Equipment and Technique

Atul Mehta, MD

Indications, Contraindications and Complications of Flexible Bronchoscopy

John Beamis, MD

TBNA and EBUS

Praveen Mathur, MD

Break/Assemble in work groups (see insert)
Travel to first work stations

Work Stations A – I

Lunch/Photo

Assemble in the lecture area for a group picture at 1:00 pm.

Work Stations A – I

4:40 pm Evaluation
Adjourn

Guest Faculty

Atul C Mehta, MD
*Cleveland Clinic
Cleveland, Ohio*

Praveen Mathur, MD
Gabe Bosslet, MD
*Indiana University
Indianapolis, IN*

Sadia Benzaquen, MD
*University of Cincinnati
Cincinnati, OH*

John Beamis, MD
University of Hawaii

Jordan Kazakov, MD
CWRU, Cleveland, OH

*Ehab Hussain, MD
Dayton, Ohio*

OSU Faculty

Nitin Bhatt, MD
Timothy Udoji, MD
Mathew Exline, MD
Sarah Tapyrik, MD
Jennifer McCallister, MD
Jessica Kynyk, MD
Becky Cloyes, CNP
Larry Ladi, MD

Course Director

Shaheen Islam, MD

- Station A** **Bronchoscope Simulator: Navigating the airways**
Location: Skills Lab *Nitin Bhatt, MD, Tim Udoji, MD*
Navigate the airways on a Virtual Bronchoscope Simulator to learn the airway anatomy.
- Station B** **Trans Bronchial Needle Aspiration (TBNA) & EBUS**
Location: Skills Lab *Praveen Mathur, MD & Larry Ladi, MD*
Learn the technique and basic principle of TBNA on a lung model.
- Station C** **Foreign Body Removal**
Location: Skills Lab *Atul Mehta, MD, Jordan Kazakov, MD*
Learn about the available tools & techniques to remove foreign bodies.
- Station D** **Chest Tube Insertion**
Location: Skills Lab *John Beamis, MD, Ehab Hussain, MD*
Learn how to place chest tube on a model. Appropriate selection and types of available chest tubes will be discussed.
- Station E** **Drainage and Management of Pleural Catheters**
Location: Skills Lab *Sadia Benzaquen, MD, Becky Cloyes, CNP*
Examine the pleural space with ultrasonography. Learn management and troubleshooting of pleural catheters
- Station F** **Difficult Airway Management**
Location: Skills Lab *Mathew Exline, MD*
Review techniques to manage difficult airways on a mannequin. Glide scope, LMA, cricothyroidotomy, intubating bougie, etc. will be demonstrated.
- Station G** **Endobronchial & Transbronchial biopsy (with fluoroscopy)**
Location: Bronch suite/ 809 Doan Hall *Gabe Bosslet, MD, Sarah Tapyrik, MD*
Review the technique of endobronchial biopsy and trans-bronchial biopsy (with and without fluoroscopy) on animal lungs. Appropriate method to collect specimens for culture or histopathology will be demonstrated.
- Station H** **Bronchoalveolar Lavage and Brushing**
Location: Bronch suite/ 809 Doan Hall *Jenn McCallister, MD & Jessica Kynyk, MD*
Review the technique of BAL (using both slow suction with syringe and wall suction) on an animal lung.
- Station I** **Cleaning and Leak testing of bronchoscopes**
Location: Bronch Suite/ 8 East Doan *Alan Strickland, RRT*
Although fellows are not required to clean the scopes this station will provide an idea on how to leak-test and evaluate scopes for any damage.