

Introduction to Bronchoscopy and Pulmonary Procedures Course

Monday, June 29, 2020

Course Agenda

Morning Location:

Longwood Hall
Inn at Longwood Medical
342 Longwood Avenue
Boston, Massachusetts 02215

07:00 am – 07:30 am	Registration and Breakfast
07:30 am – 07:40 am	Introduction
07:40 am – 08:00 am	Bronchoscopy Past, Present and Future
08:00 am – 08:30 am	Airway, Mediastinal and Pleural Anatomy
08:30 am – 09:00 am	Bronchoscopy: Type, Indications and Contraindications
09:00 am – 09:30 am	Bronchial washings, bronchoalveolar lavage and bronchial brushing
09:30 am – 10:00 am	Break
10:00 am – 10:30 am	Transbronchial needle aspiration, transbronchial and endobronchial biopsy
10:30am – 11:00 am	Ultrasound basics and Ultrasound-guided thoracentesis
11:00 am – 11:30 am	Pleural catheters
11:30 am – 01:00 pm	Lunch and Educational Exhibits

Afternoon Location:

Carl J Shapiro Simulation and Skills Center
Shapiro Clinical Building, Rm G20
330 Brookline Avenue
Beth Israel Deaconess Medical Center
Boston, Massachusetts 02215

01:00 pm – 05:00 pm	Hands on Stations in Shapiro Simulation Center
05:00 pm – 07:00 pm	Course Reception on Shapiro Building 10 th Floor



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Hands-On Stations

Station 1	Airway anatomy
Goals	Understand normal airway anatomy using simulation bronchoscopy
Station 2	Percutaneous Chest Tubes
Goals	Recognize anatomical landmarks; review technique for percutaneous chest tube placement; understand management of three chamber pleural drainage system
Station 3	Ultrasound-guided Thoracentesis
Goals	Recognize normal US anatomy (lung, diaphragm, liver, and spleen); review technique for US guided thoracentesis; review technique for measurement of pleural manometry
Station 4	Vascular Ultrasound and Central Venous Catheters
Goals	Recognize relevant US anatomy; review technique for US guided placement of central venous catheters; understand relative risks and benefits for subclavian, internal jugular, and femoral venous access
Station 5	Difficult Airway Management
Goals	Understand airway assessment; review basic pharmacology for general anesthesia and conscious sedation; review technique for direct laryngoscopy, awake fiberoptic endotracheal intubation, and cricothyrotomy; review difficult airway algorithm and rescue maneuvers
Station 6	Transbronchial Needle Aspiration and Management of Hemoptysis
Goals	Recognize anatomical landmarks of major mediastinal and hilar lymph node stations; review technique for transbronchial needle aspiration; understand initial approach to management of massive hemoptysis
Station 7	Foreign Body Removal
Goals	Recognize patients at risk for foreign body aspiration; identify available tools frequently used for endoscopic removal of aspirated foreign body



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Course Faculty

Course Director :

Mihir Parikh MD
Interventional Pulmonology
Beth Israel Deaconess Medical Center
Instructor in Medicine
Harvard Medical School

Course Co-Directors :

Adnan Majid MD
Director and Chief, Interventional Pulmonology
Beth Israel Deaconess Medical Center
Associate Professor of Medicine
Harvard Medical School

Alex Chee MD
Interventional Pulmonology
Beth Israel Deaconess Medical Center
Assistant Professor of Medicine
Harvard Medical School

Course Coordinator :

Tina Phillips
Interventional Pulmonology
Beth Israel Deaconess Medical Center



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Course Faculty :

Ramsy Abdelghani MD
Interventional Pulmonology
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Samuel Ash MD
Pulmonary and Critical Care Medicine
Brigham and Women's Hospital
Instructor in Medicine
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Abduljabbar Dheyab MD
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Assistant Professor
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Erik Folch MD
Co-Director, Interventional Pulmonology
Chief, Complex Chest Disease Center
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Molly Hayes MD
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Colleen Keyes MD
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Fayez Kheir MD
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Carla Lamb MD
Director, Interventional Pulmonology
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Tufts University School of Medicine



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Course Faculty (continued)

Haobo Ma MD
Anesthesiologist
Beth Israel Deaconess Medical Center
Instructor in Anesthesiology
Harvard Medical School

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Paulo Oliveira MD
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