

Introduction to Bronchoscopy and Pulmonary Procedures Course June 28, 2019

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 Mihir Parikh MD
07:40 am – 08:00 am	Bronchoscopy Past, Present and Future Erik Folch MD
08:00 am – 08:30 am	Airway, Mediastinal and Pleural Anatomy Alex Chee MD
08:30 am – 09:00 am	Bronchoscopy: Type, Indications and Contraindications Adnan Majid MD
09:00 am – 09:30 am	Bronchial washings, bronchoalveolar lavage and bronchial brushing Carla Lamb MD
09:30 am – 10:15 am	Break
10:15 am – 10:30 am	Transbronchial needle aspiration, transbronchial and endobronchial biopsy Marianne Barry MD
10:30am – 11:00 am	Ultrasound basics and Ultrasound-guided thoracentesis Paulo Oliveira MD
11:00 am – 11:30 am	Pleural catheters Colleen Keyes MD
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



Beth Israel Deaconess
Medical Center



HARVARD MEDICAL SCHOOL
TEACHING HOSPITAL

Introduction to Bronchoscopy and Pulmonary Procedures Course June 28, 2019

Hands-On Stations

Station 1	Airway anatomy
Goals	Understand normal airway anatomy using simulation bronchoscopy
Faculty	Maureen Dziura MD, Danai Khemasuwan MD, Carla Lamb MD

Station 2	Percutaneous Chest Tubes
Goals	Recognize anatomical landmarks; review technique for percutaneous chest tube placement; understand management of three chamber pleural drainage system
Faculty	Suliman Alamro MD, Adnan Majid MD

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
Faculty	Paulo Oliveira MD, Alichia Paton ACNP-BP, Frank Schembri MD

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
Faculty	Simon Ash MD, Molly Hayes MD, Rebecca Sternschein MD

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
Faculty	Colleen Keyes MD, Haobo Ma MD, Catherine Oberg MD

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
Faculty	Alex Chee MD, Alex Rabin MD

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
Faculty	Jason Beattie MD, Erik Folch MD, Anil Trindade MD

Introduction to Bronchoscopy and Pulmonary Procedures Course June 28, 2019

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



**Beth Israel Deaconess
Medical Center**



**HARVARD MEDICAL SCHOOL
TEACHING HOSPITAL**

Introduction to Bronchoscopy and Pulmonary Procedures Course June 28, 2019

Course Faculty :

Suliman Alamro MD
Interventional Pulmonology
Beth Israel Deaconess Medical Center

Samuel Ash MD
Pulmonary and Critical Care Medicine
Brigham and Women's Hospital
Research Fellow
Harvard Medical School

Marianne Barry MD
Interventional Pulmonology
Tufts Medical Center
Assistant Professor of Medicine
Tufts University School of Medicine

Jason Beattie MD
Interventional Pulmonology
Beth Israel Deaconess Medical Center

Maureen Dziura MD
Pulmonary and Critical Care Medicine
Tufts Medical Center
Assistant Professor of Medicine
Tufts University School of Medicine

Erik Folch MD
Co-Director, Interventional Pulmonology
Chief, Complex Chest Disease Center
Massachusetts General Hospital
Assistant Professor of Medicine
Harvard Medical School

Molly Hayes MD
Pulmonary and Critical Care Medicine
Beth Israel Deaconess Medical Center
Instructor in Medicine
Harvard Medical School

Colleen Keyes MD
Co-Director, Interventional Pulmonology
Massachusetts General Hospital
Instructor in Medicine
Harvard Medical School

Danai Khemasuwan MD
Director of Interventional Pulmonology
St Elizabeth's Medical Center

Carla Lamb MD
Director, Interventional Pulmonology
Lahey Hospital and Medical Center
Assistant Professor of Medicine
Tufts University School of Medicine

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

Catherine Oberg MD
Interventional Pulmonology
Beth Israel Deaconess Medical Center



Beth Israel Deaconess
Medical Center



HARVARD MEDICAL SCHOOL
TEACHING HOSPITAL

Introduction to Bronchoscopy and Pulmonary Procedures Course June 28, 2019

Course Faculty (continued) :

Paulo Oliveira MD
Director, Interventional Pulmonary Procedures
Medical Director, Respiratory Care
UMass Memorial Medical Center
Associate Professor
University of Massachusetts Medical School

Alicia Paton ACNP-BC
Interventional Pulmonology
Beth Israel Deaconess Medical Center

Alex Rabin MD
Pulmonary and Critical Care Medicine
Beth Israel Deaconess Medical Center

Frank Schembri MD
Director, Pulmonary Interventional Services
Boston Medical Center
Assistant Professor of Medicine
Boston University School of Medicine

Rebecca Sternschein MD
Pulmonary and Critical Care Medicine
Brigham and Women's Hospital

Anil Trindade MD
Pulmonary and Critical Care Medicine
Brigham and Women's Hospital
Instructor in Medicine
Harvard Medical School

This course has been endorsed by :



We help the world breathe[®]
PULMONARY • CRITICAL CARE • SLEEP



Beth Israel Deaconess
Medical Center



HARVARD MEDICAL SCHOOL
TEACHING HOSPITAL

Introduction to Bronchoscopy and Pulmonary Procedures Course June 28, 2019

This course has been sponsored by educational grants from:

Boston Scientific
Cook Medical
Olympus America
Pfizer

Course Exhibitors:

Biodesix
Boston Scientific
ConMed
SuperDimensions/Medtronic
Cook Medical
Level Ex
Medtronic
Olympus America
Pfizer
Veracyte
Vida Diagnostics



Beth Israel Deaconess
Medical Center



HARVARD MEDICAL SCHOOL
TEACHING HOSPITAL