Interventional Pulmonology

The Chest Disease Center
at Beth Israel Deaconess Medical Center
Expert Evaluation and Treatment

Interventional Pulmonology, a section of the BIDMC Chest Disease Center, provides expert evaluation and state-of-the-art treatment for patients with a broad range of chest conditions. Our services are offered through several specialized programs:

- Complex Airway Program
- Pleural Disease Program
- Bronchial Thermoplasty Program
- COPD Clinic
- Multidisciplinary Lung Cancer Program

Convenient, Well-Coordinated Care

As part of a multidisciplinary Chest Disease Center, we provide patients with prompt access to a broad range of surgical and medical specialists, services, and technologies that they may require. We also coordinate all services on behalf of our patients to ensure seamless delivery of care.

Quick, Easy Access: 617-632-8060

We make it quick and easy for you to make a referral. Simply call our appointment number to speak to a member of our staff, who will arrange an appointment for your patient and, if you wish, put you directly in touch with one of the members of our team.

Prompt, Regular Communication

We communicate with you about your patient’s treatment plan and progress, and respond to your queries promptly. We appreciate your referrals and work with you and your staff to return patients to your care as quickly as possible.
Complex Airway Program

Our Complex Airway Program provides comprehensive, multidisciplinary care for patients with malignant and benign airway disorders.

Conditions We Treat:
- tracheal and bronchial stenosis
- tracheobronchomalacia (TBM)
- tracheo-cutaneous fistula
- tracheo-esophageal fistula
- laryngeal, tracheal, and bronchial tumors
- tracheostomy-related complications
- removal of foreign body

Endoscopic Procedures (for diagnosis and/or treatment) include:
- flexible and rigid bronchoscopy
- narrow band imaging (NBI)
- endobronchial ultrasound (EBUS) radial and linear probe
- YAP and CO₂ laser therapy
- argon plasma coagulation (APC)
- electrocautery
- cryotherapy
- photodynamic therapy (PDT)
- microdebrider
- balloon bronchoplasty
- airway and esophageal stenting
- percutaneous tracheostomy
- percutaneous gastrostomy
- transtracheal oxygen catheter placement

Post-tracheostomy stenosis

After T-tube placement

Dynamic airway CT during inhalation (top) and forced exhalation (bottom) in a patient with severe TBM.
Pleural Disease Program

We provide comprehensive evaluation and treatment of patients with diseases affecting the lining around the lungs, such as malignant pleural effusion, empyema, chylothorax, pneumothorax, and trapped lung. Patients are evaluated using:

- chest ultrasound
- pleural manometry
- thoracentesis
- pleuroscopy

Available therapies include:

- insertion of chest tubes
- insertion of tunneled pleural catheters
- pleurodesis

Bronchial Thermoplasty Program

We are one of the few centers in New England that performs bronchial thermoplasty for patients with severe persistent asthma who remain symptomatic despite maximal medical treatment. In clinical studies, patients treated with this modality experienced significant improvement in symptoms, fewer severe asthma flare-ups, and fewer emergency department visits. We are also participating in a post-approval study of bronchial thermoplasty.

COPD Clinic

The Chest Disease Center’s new chronic obstructive pulmonary disease (COPD) Clinic provides multidisciplinary evaluation and treatment of patients with advanced COPD/emphysema. Interventional pulmonologists are integral members of the COPD Clinic team, which also includes thoracic surgeons, pulmonologists, and other health care providers throughout BIDMC.
The COPD Clinic’s services include:
- pulmonary rehabilitation
- smoking cessation
- medical therapy
- alpha 1-antitrypsin (AAT) replacement
- endoscopic lung volume reduction coils and endobronchial valves (investigational)
- assessment for transtracheal oxygen
- lung volume reduction surgery (LVRS)
- bullectomy
- referrals to lung transplantation
- hospice

**Multidisciplinary Lung Cancer Program**

We provide advanced diagnostic and therapeutic bronchoscopy for the evaluation and management of patients with lung cancer using the latest technologies, such as:
- narrow band imaging (NBI)
- linear endobronchial ultrasound (EBUS)
- radial EBUS
- electromagnetic navigation bronchoscopy (ENB)
- rigid bronchoscopy
- ablative techniques
- airway stenting
Our Team

Our team includes two board-certified, fellowship-trained interventional pulmonologists, both of whom are on the faculty of Harvard Medical School, and a dedicated Interventional Pulmonology nurse practitioner.

Adnan Majid, MD
Director of Interventional Pulmonology

Dr. Majid earned his medical degree from the University of Rosario (Colombia) School of Medicine, and completed his residency in Internal Medicine at the University of Massachusetts Medical Center. Following his residency, Dr. Majid did a fellowship in Pulmonary, Critical Care, and Sleep Medicine at New England Medical Center (now Tufts Medical Center) and a fellowship in Interventional Pulmonology at BIDMC.

An Assistant Professor of Medicine at Harvard Medical School, Dr. Majid is board-certified in Internal Medicine, Pulmonary Disease, and Critical Care Medicine. He is actively involved in the innovation of new technologies to enhance patient care, and is engaged in several clinical research trials. He also directs BIDMC’s one-year fellowship program in Interventional Pulmonology.

Erik Folch, MD, MSc

Dr. Folch joined BIDMC in 2011. He received his medical degree from Universidad Nacional Autonoma de Mexico, completed his residency at Emory University, and did a fellowship in Pulmonary, Critical Care, and Interventional Pulmonology at Cleveland Clinic. He also earned a Master’s of Science in clinical research from Emory.

Dr. Folch is board-certified in Internal Medicine, Pulmonary Disease, and Critical Care Medicine. His primary clinical interests are lung cancer, pleural disease, and thoracic endoscopy. His research focuses on the staging of lung cancer, pleurodesis techniques, and advanced thoracic endoscopy.

Meghan Fashjian, ACNP-BC

Ms. Fashjian earned her Masters of Science in Nursing from Yale University School of Nursing in Adult Advanced Practice with a focus in Acute Care. She came to BIDMC in 2009, and is actively involved with the Pleural Disease, Complex Airway, and Multidisciplinary Lung Cancer programs.
Research
We participate in clinical research aimed at improving care for patients with a range of chest disorders. Our research areas include:

- valves for lung volume reduction
- coils for lung volume reduction
- post-approval study for bronchial thermoplasty
- electromagnetic navigation bronchoscopy
- endoscopic treatment for tracheobronchomalacia
- therapeutic use of endobronchial ultrasound

Training and Education
Each year, we accept three physicians who have completed a Pulmonary and Critical Care fellowship into our competitive one-year Combined BIDMC-MGH (Massachusetts General Hospital) Fellowship Training Program in Interventional Pulmonology. Our fellowship, the largest in the nation, is designed to provide trainees with the necessary tools to establish and direct a multidisciplinary academic interventional pulmonary program. It emphasizes a multidisciplinary approach consisting of ongoing collaboration with thoracic surgery, pulmonary and critical care medicine, medical oncology, radiation oncology, and thoracic radiology. We also offer a variety of educational activities for trainees and faculty at BIDMC and around the world, including our annual “Introduction to Interventional Pulmonology” course.
Referrals
Appointments
Information

617-632-8060

Visit us at:
bidmc.org/surgery

Beth Israel Deaconess Medical Center

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