

Chest Disease
Center



Beth Israel Deaconess
Medical Center



HARVARD MEDICAL SCHOOL
TEACHING HOSPITAL

Interventional Pulmonology



The Chest Disease Center

at Beth Israel Deaconess Medical Center

Expert Evaluation and Treatment

Interventional Pulmonology, a section of the Chest Disease Center at Beth Israel Deaconess Medical Center (BIDMC), provides expert evaluation and state-of-the-art treatment for patients with a broad range of chest conditions. Our services are offered at BIDMC, BID–Milton, and BID–Needham through several specialized programs:

- Complex Airway Program
- Pleural Disease Program
- Bronchial Thermoplasty Program
- Multidisciplinary Thoracic Oncology Program
- COPD Clinic

Convenient, Well-Coordinated Care

As part of our multidisciplinary Chest Disease Center, we provide patients with prompt access to a broad range of surgical and medical specialists, services, and techniques. We see patients at BIDMC, BID–Milton, and BID–Needham. Our dedicated team coordinates all services on behalf of our patients to ensure seamless delivery of care.

Quick, Easy Access

We make it quick and easy for you to make a referral. Simply call our appointment number on this brochure to speak to a member of our staff. We will arrange an appointment for your patient at a location convenient for them and, if you wish, put you directly in touch with our team.

Prompt, Regular Communication

We provide prompt communication with you about your patient's treatment plan and progress. 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 a range of malignant and benign airway disorders.

Conditions we treat:

- Tracheal and bronchial stenosis
- Tracheobronchomalacia
- Bronchopleural 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
- Airway stenting
- Endobronchial ultrasound radial and linear probe
- YAP and CO₂ laser therapy
- Argon plasma coagulation
- Electrocautery
- Cryotherapy and cryobiopsy
- Photodynamic therapy
- Microdebrider
- Balloon bronchoplasty
- Percutaneous tracheostomy
- Percutaneous gastrostomy
- 3-D designed tracheostomy canulas, airway stents, and T-tubes

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, bronchopleural fistula, pneumothorax, and trapped lung.

Patients are evaluated using:

- Thoracic ultrasound
- Pleural manometry
- Thoracentesis
- Medical thoracoscopy

Available therapies include:

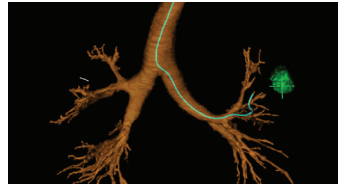
- Tube thoracostomy
- Indwelling/tunneled pleural catheter placement
- Pleurodesis

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 improvements in symptoms, fewer severe asthma exacerbations, and fewer emergency department visits.

Multidisciplinary Thoracic Oncology 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
- Radial and linear endobronchial ultrasound (EBUS)
- Electromagnetic navigation bronchoscopy (ENB)
- Electromagnetic guided transthoracic biopsy
- Rigid bronchoscopy
- Ablative techniques
- Photodynamic therapy
- Brachytherapy
- Airway stenting

COPD Clinic

The Chest Disease Center's COPD Clinic provides multidisciplinary evaluation and treatment of patients with advanced chronic obstructive pulmonary disease/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
- AAT replacement
- Endoscopic lung volume reduction coils and

- endobronchial valves (investigational)
- Transtracheal oxygen catheter placement
- Lung volume reduction surgery
- Bullectomy
- Referrals for lung transplantation

Research

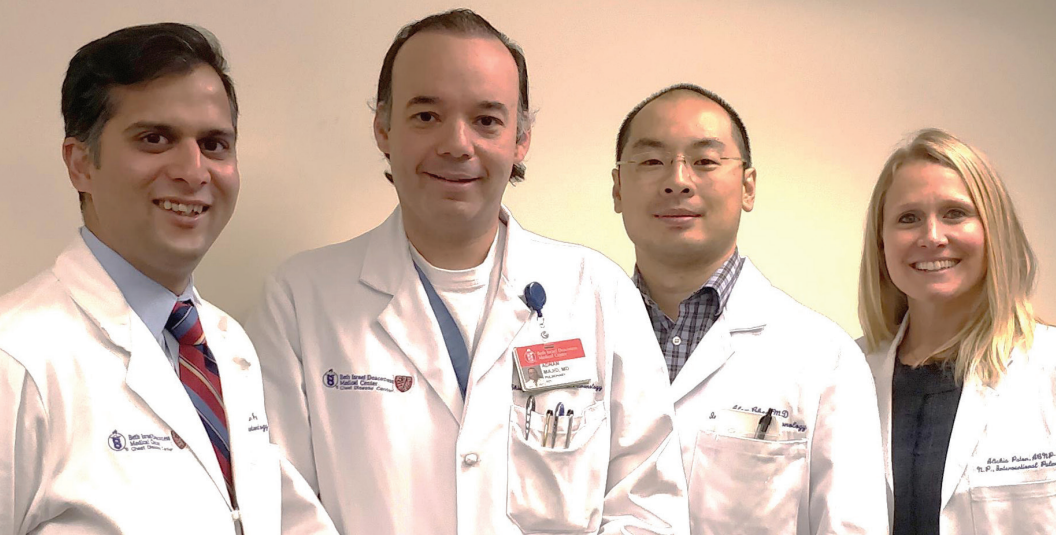
We participate in clinical research aimed at improving care for patients with a range of chest disorders. Our research areas include:

- Endoscopic treatment for tracheobronchomalacia
- Optical coherence tomography to identify patients who would benefit from bronchial thermoplasty
- Lung cancer screening and diagnostics
- Electromagnetic navigation bronchoscopy (ENB)
- Management of malignant pleural effusion (MPE)

Training and Education

Each year, we accept three physicians into our competitive one-year Harvard Combined BIDMC–MGH Interventional Pulmonology Fellowship training program. Our fellowship, one of the first in the nation, is designed to provide trainees with the necessary tools to establish and direct an academic interventional pulmonary program. It emphasizes a multi-disciplinary approach consisting of ongoing collaboration with thoracic surgery, pulmonary and critical care medicine, medical oncology, radiation oncology, anesthesiology, and thoracic radiology. (For more information, visit: www.bidmcmghipfellowship.com.) We also offer a variety of educational activities for trainees and faculty at BIDMC as well as clinicians from around the world, including our annual “Introduction to Interventional Pulmonology” course.





Our Team

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

Adnan Majid, MD, FCCP

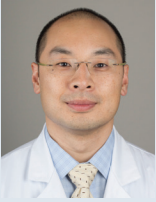
Chief, Interventional Pulmonology



Dr. Majid earned his medical degree from the University of Rosario (Colombia) School of Medicine, and completed his internship and residency in internal medicine at Cook County Hospital in Chicago and the University of Massachusetts Medical Center. Following his residency, Dr. Majid received further training in pulmonary and critical care medicine at New England Medical Center (now Tufts Medical Center) and completed his fellowship in Interventional Pulmonology at BIDMC.

An Associate Professor of Medicine at Harvard Medical School, Dr. Majid is board certified in pulmonary disease, critical care, and interventional pulmonary medicine. He is actively involved in the innovation of new techniques to enhance patient care and is engaged in several clinical research trials. He also directs the Harvard Combined BIDMC–MGH Interventional Pulmonology Fellowship. Dr. Majid sees patients at BIDMC.

Alex Chee, MD, FCCP



Dr. Chee joined BIDMC in 2017. He received his medical degree from Queen's University in Kingston, Ontario, Canada, where he also completed his residency in internal medicine. Dr. Chee completed fellowships in respirology at the University of British Columbia, Vancouver, Canada; in interventional pulmonary medicine at the University of Calgary, Alberta, Canada; and a research fellowship in optical coherence tomography at Massachusetts General Hospital/Harvard Medical School in Boston.

Dr. Chee is board certified in internal medicine and interventional pulmonology. His clinical interests include benign and malignant diseases of the chest, navigation bronchoscopy of lung nodules, tracheobronchial disorders, endobronchial ultrasound for lung cancer staging, lung cancer, emphysema and endoscopic lung volume reduction, pleural effusions, and bronchial thermoplasty. He sees patients at BIDMC and BID–Needham.

Mihir Parikh, MD



Dr. Parikh joined BIDMC in 2016. He earned his medical degree from the Mount Sinai School of Medicine in New York City and completed a residency in internal medicine at Massachusetts General Hospital in Boston. Subsequently, he completed a fellowship in pulmonary and critical care medicine and a fellowship in interventional pulmonology at the University of California–San Francisco.

Dr. Parikh is an Instructor in Medicine at Harvard Medical School. He is board certified in internal medicine, critical care medicine, and pulmonary medicine. Dr. Parikh's clinical interests include lung cancer, malignant obstruction of central airways, and endoscopic treatment of COPD and emphysema. His research interests are lung cancer screening and diagnosis and simulation-based education for medical trainees. He sees patients at BIDMC and BID–Milton.

Alicia Paton, ACNP-BC



Ms. Paton earned her Masters of Science in Nursing from Northeastern University and is a board-certified acute care nurse practitioner. She joined BIDMC in 2015 and is actively involved with our Pleural Disease, Complex Airway, and Multidisciplinary Thoracic Oncology programs.



Referrals, Appointments, Information

617-632-8252

Visit us at bidmc.org/ChestDiseaseCenter

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