The Program in Interventional Bronchoscopy

The Program in Interventional Bronchoscopy at the Columbia University Medical Center of New York-Presbyterian Hospital is dedicated to the use of advanced bronchoscopic techniques in the treatment of patients with pulmonary disease. The program provides a full range of diagnostic and therapeutic procedures, including:

- Endobronchial Ultrasound-Guided Transbronchial Needle Aspiration (EBUS-TBNA)
- Endobronchial and transbronchial forceps biopsy
- Argon Plasma Coagulation (noncontact electrocautery)
- Endobronchial Stenting
- Bronchial Thermoplasty for severe asthma
- Balloon dilatation
- Foreign body extraction
- Bronchoalveolar lavage
- Ultrasound-Guided Thoracentesis

Our most active area of interest is the diagnosis and staging of thoracic malignancy by minimally-invasive means. Endobronchial Ultrasound-Guided Transbronchial Needle Aspiration (EBUS-TBNA) has gained wide acceptance as the preferred procedure for sampling intrathoracic lesions in patients with suspected or known lung cancer, often now supplanting surgical mediastinoscopy as a first-line approach. For individuals with suspected cancer and possible nodal involvement, staging and diagnosis can be performed by EBUS-TBNA in a single outpatient procedure.

The Interventional Bronchoscopy Program at Columbia is also actively involved in multiple ongoing clinical investigations of bronchoscopic treatments of advanced emphysema, in collaboration with the Center for Chest Disease. We are also the only center in the New York metropolitan area with FDA approval for use of the Spiration one-way valve for the treatment of post-surgical air leak.

Our Interventional Bronchoscopists:

Roger A. Maxfield, M.D.  
Director of Interventional Bronchoscopy  
Email: ram7@columbia.edu  
Phone: 212-326-8415

William Bulman, M.D.  
Director of Bronchoscopy  
Email: wab10@columbia.edu  
Phone: 212-305-1544