

Stanford



Harmeet Bedi

Clinical Assistant Professor, Medicine - Pulmonary, Allergy & Critical Care Medicine

CLINICAL OFFICES

- **Stanford Health Care**

300 Pasteur Dr

Stanford, CA 94305

Tel (650) 736-0125

Fax (650) 724-3227

ACADEMIC CONTACT INFORMATION

- **Fax**

Tel 650-724-3227

Bio

BIO

Dr. Harmeet Bedi is the Director of Interventional Pulmonology & Bronchoscopy at Stanford University. His expertise is in minimally invasive techniques used in the diagnosis and treatment of various airway and lung diseases such as lung cancer, benign & malignant airway obstruction, and pleural diseases. He specializes in rigid bronchoscopy, airway stent placement, balloon bronchoplasty, endobronchial ultrasound (EBUS) and navigation bronchoscopy, bronchial thermoplasty, intrabronchial valve (IBV) insertion, and various pleural procedures. He also specializes in a variety of tumor ablative therapies including laser therapy, electrocautery, argon plasma coagulation (APC), brachytherapy, and cryotherapy.

He founded the cone-beam computed tomography (CBCT) - guided bronchoscopy program at Stanford in 2019. CBCT-guided bronchoscopy is a novel and cutting-edge technique which combines bronchoscopy with CT imaging, allowing for improved localization and diagnosis of peripheral lung nodules. Additionally, CBCT-guided bronchoscopy will allow for numerous potential cancer therapies that are currently under development.

Dr. Bedi is a principal investigator and co-investigator on multiple clinical trials related to bronchoscopy, thoracic imaging, pulmonary nodules, and lung cancer. Specifically, he has multiple research interests within the realm of bronchoscopic device innovation and CBCT-guided bronchoscopy.

CLINICAL FOCUS

- Interventional Pulmonology
- Thoracic Oncology
- Airway Obstruction (Tracheal and Bronchial)
- Lung Nodules
- Lung Cancer
- Pleural Disease
- Lung Transplant Complications
- Pulmonary Disease
- Critical Care Medicine

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Medicine - Pulmonary, Allergy & Critical Care Medicine
- Member, Stanford Cancer Institute

ADMINISTRATIVE APPOINTMENTS

- Director, Interventional Pulmonology & Bronchoscopy, (2021- present)
- Program Director, Interventional Pulmonology Fellowship, (2021- present)

HONORS AND AWARDS

- Teaching Award, Division of Pulmonary & Critical Care Medicine (2018)
- Mentorship Award, Stanford Biodesign Fellowship Program (2018)
- Mentorship Award, Stanford Biodesign Fellowship Program (2017)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, American College of Chest Physicians (2012 - present)
- Member, American Thoracic Society (2012 - present)
- Member, American Association of Bronchology and Interventional Pulmonology (2014 - present)

PROFESSIONAL EDUCATION

- Board Certification, American Association of Bronchology and Interventional Pulmonology , Interventional Pulmonology (2016)
- Board Certification, American Board of Internal Medicine , Critical Care Medicine (2015)
- Board Certification, American Board of Internal Medicine , Pulmonary Medicine (2014)
- Board Certification, American Board of Internal Medicine , Internal Medicine (2012)
- Fellowship, Henry Ford Hospital , Interventional Pulmonology (2016)
- Fellowship, Loma Linda University , Pulmonary & Critical Care Medicine (2015)
- Residency, Loma Linda University , Internal Medicine (2012)
- MD, Government Medical College, Patiala (2007)

LINKS

- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

Teaching

STANFORD ADVISEES

Postdoctoral Research Mentor

Pranjal Patel

Publications

PUBLICATIONS

- **Genomic Profiling of Bronchoalveolar Lavage Fluid in Lung Cancer.** *Cancer research*
Nair, V. S., Hui, A. B., Chabon, J. J., Shahrokh Esfahani, M., Stehr, H., Nabet, B. Y., Zhou, L., Chaudhuri, A. A., Benson, J. A., Ayers, K., Bedi, H., Ramsey, M. C., Van Wert, et al
2022
- **The Value of Endobronchial Ultrasound Guided-Fine Needle Aspiration in Research Biobanking**

Miyakawa-Liu, M., Lundi, L., Padda, S., Leuenberger, D., Sung, A., Ramsey, M., Nair, V., Bedi, H., Ozawa, M.
 SPRINGER NATURE.2022: 286-287

- **Systemic arterial gas embolism (SAGE) as a complication of bronchoscopic lung biopsy: a case report and systematic literature review** *JOURNAL OF THORACIC DISEASE*
 Swenson, K. E., Shaller, B. D., Duong, K., Bedi, H.
 2021
- **Predicting Lymph Node Metastasis in Non-Small Cell Lung Cancer: Prospective External and Temporal Validation of the HAL and HOMER Models.** *Chest*
 Martinez-Zayas, G., Almeida, F. A., Yarmus, L., Steinfert, D., Lazarus, D. R., Simoff, M. J., Saettele, T., Murgu, S., Dammad, T., Duong, D. K., Mudambi, L., Filner, J. J., Molina, et al
 2021
- **Commentary: An innovative, minimally-invasive approach to post-pneumonectomy bronchopleural fistula.** *JTCVS techniques*
 Elliott, I. A., Bedi, H. S., Lui, N. S.
 2020; 4: 351-352
- **Key Highlights from the AABIP Evidence-Informed Guidelines and Expert Panel Report for the Management of Indwelling Pleural Catheters.** *Chest*
 Miller, C. R., Chrissian, A. A., Lee, Y. C., Rahman, N. M., Wahidi, M. M., Tremblay, A., Hsia, D. W., Almeida, F. A., Shojaaee, S., Mudambi, L., Belanger, A. R., Bedi, H., Gesthalter, et al
 2020
- **AABIP Evidence-Informed Guidelines and Expert Panel Report for the Management of Indwelling Pleural Catheters.** *Journal of bronchology & interventional pulmonology*
 Miller, C. R., Chrissian, A. A., Lee, Y. C., Rahman, N. M., Wahidi, M. M., Tremblay, A., Hsia, D. W., Almeida, F. A., Shojaaee, S., Fccp, Mudambi, L., Belanger, A. R., Bedi, H., et al
 2020
- **COVID-19 Test Correlation Between Nasopharyngeal Swab and Bronchoalveolar Lavage in Asymptomatic Patients.** *Chest*
 Chang, J. n., Swenson, K. E., Sung, A. n., Bedi, H. n.
 2020
- **Radiology-pathology Correlation in Recovered COVID-19, Demonstrating Organizing Pneumonia.** *American journal of respiratory and critical care medicine*
 Pogatchnik, B. P., Swenson, K. E., Sharifi, H. n., Bedi, H. n., Berry, G. J., Guo, H. H.
 2020
- **Foreign Bodies in the Airway: Endoscopic Methods** *Interventions in Pulmonary Medicine*
 Simoff, M., Bedi, H.
 edited by Diaz-Jimenez, J., Rodriguez, A.
 Springer.2018; 2nd: 547-569
- **Microhemorrhage-associated tissue iron enhances the risk for Aspergillus fumigatus invasion in a mouse model of airway transplantation.** *Science translational medicine*
 Hsu, J. L., Manouvakhova, O. V., Clemons, K. V., Inayathullah, M. n., Tu, A. B., Sobel, R. A., Tian, A. n., Nazik, H. n., Pothineni, V. R., Pasupneti, S. n., Jiang, X. n., Dhillon, G. S., Bedi, et al
 2018; 10 (429)
- **Innovative use of a Montgomery cannula in the bronchoscopic management of tracheal stenosis and failed tracheostomy decannulation.** *Respiratory medicine case reports*
 Huang, H. n., Chen, C. n., Bedi, H. n., Bai, C. n., Li, Q. n., Hohenforst-Schmidt, W. n., Zarogoulidis, P. n.
 2017; 22: 130-32
- **A Prediction Model to Help with the Assessment of Adenopathy in Lung Cancer (HAL).** *American journal of respiratory and critical care medicine*
 O'Connell, O. J., Almeida, F. A., Simoff, M. J., Yarmus, L., Lazarus, R., Young, B., Chen, Y., Semaan, R., Saettele, T. M., Cicensia, J., Bedi, H., Kliment, C., Li, et al
 2016
- **Bronchoscopist-directed Continuous Propofol Infusion for Targeting Moderate Sedation During Endobronchial Ultrasound Bronchoscopy: A Practical and Effective Protocol.** *Journal of bronchology & interventional pulmonology*
 Chrissian, A. A., Bedi, H.

2015; 22 (3): 226-236

● **Identification of Early Acute Lung Injury at Initial Evaluation in an Acute Care Setting Prior to the Onset of Respiratory Failure** *CHEST*

Levitt, J. E., Bedi, H., Calfee, C. S., Gould, M. K., Matthay, M. A.

2009; 135 (4): 936-943