

San Antonio Center for Advanced Lung Diseases



Connecting the Dots: Breath by Breath



UT Health
San Antonio



**University
Health System**

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Director's Letter

UT Health/UHS Center for Advanced Lung Diseases

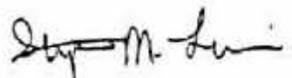
Our team of physicians and other healthcare professionals within the Division of Pulmonary at UT Health has a unique relationship and partnership with the University Health System in order to improve the lives of patients with advanced lung diseases throughout South Texas and beyond. Our team utilizes state-of-the-art diagnostic and evaluation tools and “Connects the Dots” between evidence-based research and literature, quality improvement processes, expert knowledge and experience, and patient/family preferences in order to implement management strategies to optimize outcomes.

We are dedicated to advancing the care of our patients by translating and implementing clinical and basic science research into our daily practices. Many of our faculty are recognized nationally and internationally for their technological innovations, for their clinical, educational, and research contributions and leadership, as well as for training the next generation of leaders in our sub-specialties.

We live and practice in San Antonio and would be honored to serve you, your patients, and their families.

Please contact us – we are here to help!

Sincerely,



Stephanie M. Levine MD, FCCP
Director of the UT/UHS Center for Advanced Lung Diseases



Mission: UT Health San Antonio

The mission of our team within the Division of Pulmonary and Critical Care Medicine at UT Health San Antonio is to develop comprehensive management plans *with* our patients and their families in order to achieve optimal outcomes for patients with advanced lung diseases and critical care illnesses.

UT Health San Antonio/University Health System

This brochure provides a snapshot of our experience and the professional services we provide on a daily basis, many of which are not available elsewhere in the community.

To give you a preview of what we offer:

- One of the leading lung transplant programs in the country with one of the shortest waiting times, and the highest patient and graft survival rates in Texas
- An accredited Care Center for both Adult and Pediatric Cystic Fibrosis by the Cystic Fibrosis Foundation, with more of these patients choosing our University for their care than any other program
- The largest Pulmonary Hypertension Program in South Texas
- Advanced Interventional Bronchoscopic and Pleural procedures for those with both malignant and non-malignant diseases
- An approved center for Interstitial Lung Diseases, recognized by the Pulmonary Fibrosis Foundation
- A multidisciplinary lung cancer care team ranging from evaluation and diagnosis to multimodality treatments
- State-of-the-art clinics for advanced obstructive lung diseases including asthma, bronchiectasis, and COPD
- A dedicated team of thoracic surgeons performing lung transplantation, thoracic oncologic surgery, minimally invasive thoracic surgery, lung volume reduction surgery, video assisted thoracoscopic surgery, and all forms of tracheal and esophageal surgeries
- We also are San Antonio and South Texas' first health system to earn Magnet status — a prestigious designation the American Nurses Credentialing Center awards only to healthcare providers with a proven track record of providing excellent care and positive outcomes.





*Scott Johnson
Surgical Director*

University Lung Transplant Center (UTC):

More experience, more options for patients with end-stage lung disease.

UTC: a pioneer in Lung Transplantation:
Clinical Excellence with Outstanding Outcomes



*Deborah Jo Levine
Medical Director*



*Elsie Harris RN
Manager Lung Team*

- One of the first and most experienced transplant centers in the world with over 30 years of experience.
- Among shortest waiting times in Texas.
- Among the best 3-year survival outcomes in the nation.
- Only Lung Transplant Center in South Texas.
- Expert care in transplantation of restrictive lung disease, obstructive lung disease, CF and non-CF bronchiectasis and pulmonary vascular disease.
- Efficient evaluation and preparation of candidates for transplant.
- Inclusive recipient care post transplantation.

Patient Referrals:

Physician to physician direct communication if requested.
Please contact specialized intake referral coordinator at 210-567-5777 or 1-888-3369633

University Lung Transplant Center: a multi-disciplinary team approach: Specifically skilled in meeting all elements of the transplant candidate and recipient for the best outcomes.

- Partnership between University Health System and UT Health San Antonio
- UHS nominated one of best hospitals in US News and World Report 2016-2017.
- UTC awarded the Beacon Award for excellence in ICU Transplant Nursing.



Top Row (L to R): Elsie Harris, Tamara Sookchan, Holly Keyt, Scott Johnson, Daniel Dearmond, Sergio Rodrigo Burguete, Aaron Rossett
Bottom Row (L to R): Stephanie Levine, Deborah Levine, Monica Esquivel, Melissa Taylor, Philip Ong

Interstitial Lung Disease (ILD) Program



Anoop M. Nambiar, MD, MS
 • Founding director of the ILD Program and ILD Clinic
 • Medical director, San Antonio Pulmonary Fibrosis Support Group

<http://profiles.uthscsa.edu/?pid=profile&id=2ZF11D5R7>

“Although ILDs, including idiopathic pulmonary fibrosis (IPF), are relatively uncommon compared to asthma and COPD, they can be irreversible and progressive with a poor short-term prognosis worse than many cancers. A timely and accurate diagnosis is essential for early referral to a lung transplant center, clinical trial enrollment, initiation of effective treatments, and avoidance of harmful ones. A multidisciplinary ILD team conference brings together our expert pulmonologists, radiologists, and pathologists for an accurate diagnosis and optimal patient management.”

In November 2015, our ILD Program was selected by the Pulmonary Fibrosis Foundation to join their Care Center Network of 40 ILD Centers of Excellence.

Pulmonary Fibrosis

FOUNDATION

<http://www.pulmonaryfibrosis.org/medical-community/pff-care-center-network>

Patient care	Research (Selected Clinical Trials)	Education	Community outreach
UT Health San Antonio ILD Clinic	ASCEND trial: pirfenidone	Presentations to trainees, nurses, respiratory therapists, community & academic pulmonologists	San Antonio Pulmonary Fibrosis Support Group • Winner of the Leanne Storch Support Group Fund 2012, 2014-2017
Multidisciplinary ILD Conference	RIFF trial: lebrikizumab		
	PF-ILD trial: nintedanib	Multidisciplinary ILD Conference	Free ILD Clinics, first-of-its-kind worldwide

To refer a patient to the UT Health SA ILD Clinic, please contact Gina Herevia, phone: 210-450-9800, fax: 210-450-4935.

ADULT CYSTIC FIBROSIS CENTER

Cystic fibrosis (CF) is a genetic disease that involves multiple organ systems but primarily has pulmonary manifestations including recurrent bacterial infections and bronchiectasis. Recent advances in care have led to remarkable improvements in life expectancy and quality of life for people with CF.

As the only medical home in South Texas providing care for people with CF from birth through adulthood and lung transplant, our center's mission is to provide *comprehensive, compassionate, and collaborative* multidisciplinary care for adults with CF and their families. We aim to empower people with CF to understand and care for their disease through the provision of state-of-the-art care, participation in clinical research, and through life-long education by a team of dedicated professionals.

Our center was accredited by the CF Foundation in 2017 and became the only fully accredited adult center in San Antonio. We have also received a CF Center Quality Improvement Award, awarded by the CF Foundation 2017.

We offer a variety of services:

- Diagnostic testing
- Respiratory therapy
- Nutrition consulting and evaluation
- Clinical social work
- Mental health screening and therapy
- Physical therapy
- Participation in clinical trials
- Multidisciplinary inpatient & outpatient management

For appointments, please call: 210-358-3436 or fax: 210-702-4567



Holly Keyt, MD

Center Director

Assistant Professor of Medicine

Keyt@uthscsa.edu



Sheila Habib, MD

Associate Center Director

Assistant Professor of Medicine

HabibS@uthscsa.edu

Interventional Pulmonology Program



Rodrigo Burguete, MD

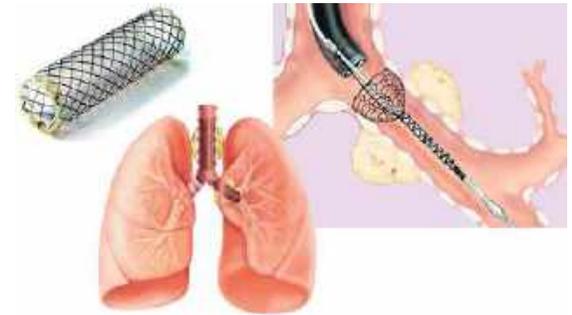


Philip Ong, MD



Maria Velez, MD

Our specialists provide services that utilize advanced minimally invasive techniques to manage complex central airway obstruction and structural disorders of the airway, both from malignant and non-malignant causes. Advanced diagnostic and interventional procedures are utilized to diagnose, stage, and manage lung cancer and diseases of the pleura (the membrane of the lungs and chest cavity). We coordinate with thoracic surgery, ENT, medical and radiation oncology to provide multidisciplinary care.



Conditions

- Malignant airway obstruction
- Tracheal and bronchial stenosis
- Tracheobronchomalacia
- Pulmonary nodules
- Malignant and benign pleural effusion
- Persistent air leak and bronchopleural fistulas
- Massive hemoptysis
- Mediastinal staging of lung cancer
- Treatment of early centrally located lung cancer

Procedures Offered

- Airway ablation (Electrocautery and Argon Plasma Coagulation)
- Rigid and flexible bronchoscopy
- Cryotherapy, cryoablation and cryobiopsy
- Airway stenting (Silicone and self expandable metallic)
- Endobronchial ultrasound (Convex and radial probe)
- Endobronchial valve placement
- Percutaneous dilatational tracheostomy
- Indwelling pleural catheter placement
- Microdebrider bronchoscopy

Pulmonary Hypertension (PH) Center

University Hospital is home to South Texas's largest and most experienced comprehensive PH Center. Our PH team of specialists excel in the diagnosis and management of this uncommon but potentially fatal condition.

University PH Center provides:

- PH Diagnostic evaluation done efficiently and thoroughly
- Management with all FDA approved therapies
- One on one education for patients and their families
- PH Clinical Trials ongoing with new therapies
- Multi-disciplinary Team available: Nutrition, Pulmonary Rehabilitation, PH Pharmacist
- Direct and efficient evaluation for lung transplantation

Referrals:
Physician to Physician
direct contact if
requested:
210-567-5777
Or 1-888-336-9633



Left to Right: Kimberly Winters, Monica Esquivel, Olga Dib, Deborah Levine, Melissa Taylor, Adriel Malave

UT Health/UHS Severe Asthma Program



Jay I. Peters, MD, FCCP
 Professor of Medicine
 Division Chief
 Division of Pulmonary Diseases &
 Critical Care

The **Severe Asthma Program** was created to treat a special population of patients with difficult-to-control asthma using a multidisciplinary approach. The program focuses on the diagnosis of severe asthma and its mimickers, environmental control, asthma education and advanced therapies. There is an emphasis in evaluating and addressing coexisting conditions that may impact asthma control. Available testing includes advanced radiology, fractional exhaled nitric oxide (FeNO), bronchoprovocation testing, bronchoscopy, allergy testing, and serum biomarkers. State-of-the-art treatments, such as biologicals (i.e. omalizumab, mepolizumab, reslizumab) and bronchial thermoplasty are available. The program includes a weekly/biweekly outpatient Severe Asthma Clinic working closely with the University Hospital Infusion Center, Endoscopy Center, and Respiratory Care Department. Patients are encouraged to participate in ongoing clinical trials and registries at UT Health and University Health System.



Diego J. Maselli, MD, FCCP
 Assistant Professor of Medicine
 Division of Pulmonary Diseases &
 Critical Care
 Director of the Severe Asthma
 Program

Patient care	Research (Selected Clinical Trials)	Education
Severe Asthma Clinic	NOVELTY: observational study of asthma and COPD	Presentations to trainees, nurses, respiratory therapists, community & academic pulmonologists
Bronchial Thermoplasty	Bronchial Thermoplasty Registry	
Omalizumab, Mepolizumab	NIH Mycoplasma in asthma Study	National and International presentations

Approximately 1 in every 10 asthmatics has severe asthma, and these patients often do not respond to conventional therapies.

Our team has decades of experience researching and treating asthma.

To refer a patient to the UT Health Severe Asthma Program, please contact, (210) 358-3555

Chronic Obstructive Pulmonary Disease - COPD



Antonio Anzueto, MD
Section Chief Pulmonary and
Critical Care Medicine at
ALMVA Hospital &
Professor of Medicine at
UT Health San Antonio

COPD is a common, preventable and treatable disease that is characterized by persistent respiratory symptoms and airflow limitation. The chronic airflow limitation is caused by a mixture of small airways disease (e.g., obstructive bronchiolitis) and parenchymal destruction (emphysema), the relative contributions of which vary from person to person. A timely and accurate diagnosis is essential in order to improve patients' symptoms and quality of life. In patients with very severe and progressive disease, early referral to a lung transplant center or other surgical interventional center is important. We have now multiple combinations of bronchodilators to treat this condition and it is important to determine what are the appropriate medications for our patients.



Sandra G. Adams, MD, MS
Distinguished Teaching Professor
Professor of Medicine at
UT Health San Antonio
Pulmonary / Critical Care Division

Since 2007, we have been part of the NHLBI funded cohort – COPDGene® that is following the largest cohort of smokers in the US.

Patient care	Research (Selected Clinical Trials)	Education
UT Health San Antonio Clinic Access to UT/UHS Lung Transplant Program, Interventional Pulmonary and Cardio-Thoracic Surgery	COPDGene® - A randomized, double-blind, open-labeled, placebo-controlled, 52-week study evaluating the effect of danirixin (GSK1325756) on lung function and health related quality of life..... - PEARL –"A Randomized, Double-Blind, Parallel Group, Multi-Center Study to Assess the Efficacy and Safety of PT009 compared..." - NOVELTY – "A NOVEL observational longitudinal study on patients with a diagnosis or suspected diagnosis of asthma and/or COPD to describe patient characteristics..."	- COPD presentations to trainees, nurses, respiratory therapists, community & academic primary care clinicians and pulmonologists. - Implementation of WipeDiseases® COPD educational programs and UT Quality Improvement interventions in the UT Health San Antonio primary care clinics: (https://WipeDiseases.org)

To refer a patient to the UT Health SA COPD Clinic, please contact Gina Herevia, phone: 210-450-9800, fax: 210-450-4935.

Lung Cancer

“Lung cancer accounts for more deaths than any other cancer in both men and women. A timely and accurate diagnosis is essential to increase the survival and the possibility of cure. Our multidisciplinary approach brings together our expert and interventional pulmonologists, interventional radiologists, radiologists, pathologists, thoracic surgeons, oncologists, and radiation oncologists for optimal patient management.”



Tamara Simpson, MD
• *Medical Director, UT Health Lung Cancer Clinics*



Adriel J. Malavé, MD
• *Co-director UT Health Lung Cancer clinics*

Patient Care

UT Health San Antonio Lung Cancer Clinic: our focus is on the evaluation/diagnosis, management, and treatment of patients with lung cancers, tumors of other cancers metastatic to the lungs, and lung conditions resulting from chemotherapy.

UT Health SA Cancer Center Thoracic Tumor Board: as a center designated by the National Cancer Institute, we meet weekly to discuss the care of our patients. It is comprised of thoracic surgeons, medical oncologists, radiation oncologists, pulmonologists, and pathologists.

To refer a patient to the UT Health SA MARC Clinic, please contact 210-450-9800

Education

Presentations to students/trainees, nurses, respiratory therapists, community & academic pulmonologists, as well as to community and academic primary care providers

Thoracic Surgery

Scott B. Johnson, MD

- Chief, General Thoracic Surgery
- Surgical Director of Lung Transplantation



Daniel DeArmond, MD

- Associate Program Director, Thoracic Surgery Residency
- Director of Minimally Invasive Lung Surgery

Our Thoracic Surgeons are highly-trained and specialized. Their surgical expertise includes:

- Lung transplantation
- Video-assisted thoracoscopic surgery
- Thoracic oncologic surgery: diagnostic and therapeutic surgical procedures including resection of primary lung cancers, solitary metastases to the lungs, thymomas, and sarcomas
- Surgery for malignant and benign esophageal disease
- Minimally-invasive thoracic surgery
- Lung volume reduction surgery
- Tracheal surgery

To refer a patient to UT Health Thoracic Surgery, please contact 210-450-0999, or fax to 210-450-4965

Education for Patients and Healthcare Professionals: Promoting Lifelong Learning



If diagnosed early and optimally managed, many pulmonary diseases can be controlled and patient outcomes can be improved!

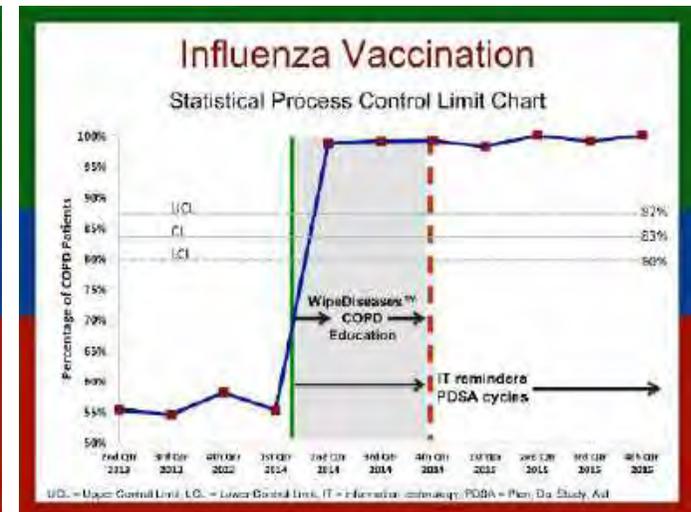
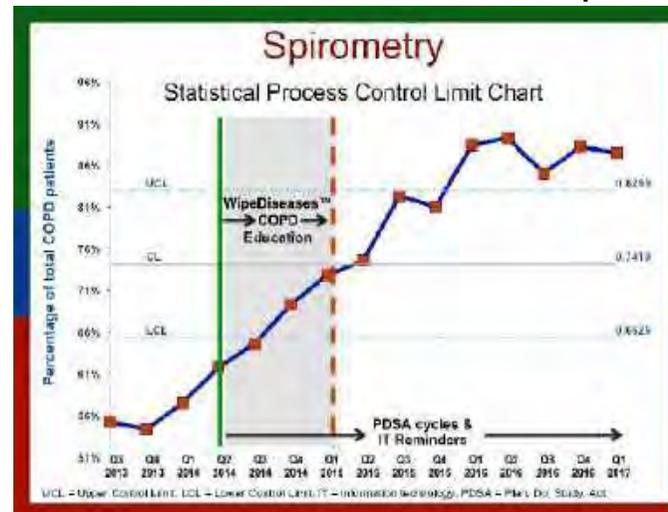
Lifelong learning is not only important for us, as healthcare professionals, but for our patients as well. Encouraging patients to become active participants and true partners and key members of our healthcare team, not only makes our lives as clinicians easier and more rewarding, but also has the potential to improve patient outcomes as well (see figures below).

Sandra G. Adams, MD, MS
Distinguished Teaching Professor
Professor of Medicine
Pulmonary / Critical Care Division



The WipeDiseases Foundation (<http://wipediseases.org>) is a not-for-profit 501(c)(3) organization founded by Dr. Adams whose mission is to develop high quality educational and other interventions to facilitate actual changes in behaviors to improve clinical outcomes and enhance the lives of patients and their families.

Examples of Outcomes



Figures showing **sustained** improvements in rates of obtaining spirometry and influenza vaccinations following the WipeDiseases Foundation's COPD continuing education and the UT Health Quality Improvement interventions in UT primary care clinics.

If your group / office would like to discuss educational options for to help improve the care and lives of your patients, please contact Dr. Sandra G. Adams at adamssg@uthscsa.edu.