



# Thoracic Oncology

MD Anderson's thoracic oncology program focuses exclusively on lung cancers and other types of cancer originating inside the chest. Our nationally recognized team of surgeons, radiation oncologists and medical oncologists specialize in developing innovative treatments that offer new hope to lung cancer patients, decrease surgical recovery times and improve patient quality of life.

## Where you send your patient first matters.

High-quality care within thoracic oncology is complex and requires accurate staging, tumor molecular analyses and multidisciplinary consideration. As more therapeutic options become available for thoracic malignancies, the more important the correct treatment becomes for better patient outcomes and quality of life. MD Anderson's goal is to provide patients with personalized treatment options that are based on multidisciplinary efforts, which offer the best choice and avoid unnecessary procedures.

- Minimally invasive, robotic and video-assisted thoracoscopic surgery (VATS)
- Lung-sparing techniques, such as segmentectomies and sleeve resections
- Adapted mesothelioma treatment recommendations based on cell type, disease stage, tumor location and age
- Innovative radiation therapy techniques, such as intensity modulated radiation therapy (IMRT), stereotactic ablative radiotherapy (SABR), and proton beam radiation therapy
- ISABR, a clinical trial that combines immunotherapy and stereotactic ablative radiotherapy for early-stage lung cancer to reduce disease recurrence
- Novel therapy for EGFR-independent resistance in non-small cell lung cancer
- Organ-sparing techniques, like the endoscopic mucosal resection program for early-stage esophageal cancer, which avoids the need for removing the esophagus
- Access to our enhanced surgical recovery program that results in reduced symptoms, improved function, better outcomes and quicker return to normal activities

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## Cancers and benign conditions we treat

- Cardiac tumors
  - Cancers of major blood vessels
  - Cancers that originate in or invade the heart
  - Esophageal cancer
  - Lung cancer
    - \* Non-small cell lung cancer
      - Adenocarcinoma
      - Large cell carcinoma
      - Squamous cell carcinoma
  - \* Pulmonary neuroendocrine tumors
  - \* Sarcomatoid carcinoma
  - \* Small cell lung cancer
  - Mediastinal tumors
    - \* Thymomas and tumors of the chest wall and airway
  - Metastatic lung cancer
  - NUT carcinoma
  - Pleural cancer
    - \* Mesothelioma
  - Tracheal and bronchial tumors
  - Tumors that have metastasized to the lung
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## Advanced treatment options for patients

- Adoptive T-cell therapy
  - Clinical trial options
  - Genomically guided therapies
  - Immunotherapy, personalized for both early and advanced stages
  - Proton therapy
  - Photodynamic therapy
  - Photon radiation
  - Surgery, including minimally invasive robotic and video assisted options, and complex chest wall, spine and mediastinal resections with a collaborative multiteam surgical approach
  - Targeted therapies within multiple subgroups, outside the standard five to six genetic alterations
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## Support services

At MD Anderson, we strive to provide patients with groundbreaking treatment options and integrated rehabilitation programs to give them the best chance at a high quality of life after cancer therapy. Clinical services available include:

- Utilization of endoscopic techniques to accurately stage and treat pulmonary malignancies
- Advanced rehabilitation therapies for swallowing, speech, vocal cord paralysis, pulmonary function and nutrition
- A collaborative team of plastic, reconstructive and spinal surgeons that work together to resect complex malignancies in the chest that are frequently not considered surgical
- A thoracic survivorship program that aggressively monitors for new malignancies and addresses the side effects of therapies

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## Why MD Anderson

### Cancer cannot wait.

MD Anderson's [Lung Cancer Moon Shot](#)® Program is revolutionizing early detection of lung cancer through cancer proteomics and improving algorithms for interpreting CT scans. Earlier detection will allow us to leverage immunotherapy to treat early- and advanced-stage lung cancer.

To learn more about lung cancer screening guidelines, visit our [Clinical Practice Algorithms](#) page.

### When physicians partner, patient's choice expands.

If your patient has an increased risk of lung cancer due to smoking, we have multiple programs available to help with smoking cessation, screening and accelerated treatment.

- Smoking prevention and cessation programs are available through our [Project PISCES](#), [Project TEACH](#), [ASPIRE](#) and [Tobacco Treatment Program](#).
- Our [lung cancer screening clinic](#) offers current and former smokers an opportunity to be screened with a low-dose, non-invasive form of CT scan.
  - \* Call 713-792-5174 to schedule your patient.
- Our multidisciplinary thoracic clinic provides lung cancer patients the opportunity to meet with the entire thoracic team (medical oncologist, surgical oncologist and radiation oncologist) in one afternoon to expedite treatment.



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## Connect with us.

### A safer environment

Keeping our patients and workforce safe has always been our top priority. We continue to proactively implement measures to ensure the safety of patients on all our campuses. To learn more about our response to COVID-19, visit our [Coronavirus Precautions](#) page.

### Oncology care team

For information about our thoracic oncology faculty and staff, visit our [directory](#).

### Cancer center locations

When you refer to MD Anderson, your patients will receive the highest level of care in a safe, compassionate environment. We provide thoracic cancer services at multiple locations across Houston, making it easy and convenient for your patients, including:

- Texas Medical Center
- MD Anderson League City
- MD Anderson in Sugar Land
- MD Anderson The Woodlands
- MD Anderson West Houston

Learn more about each of [our locations](#) and their offerings to find the most convenient one for your patient.

### Patient referrals

Our [Referring Provider Team](#) is dedicated to assisting health care providers with the following:

- Referrals to any MD Anderson center or location
- Continuous follow-up on the status of referrals
- Answers to questions about patient access procedures
- Support with our online physician portal



Health Care Provider Resource Center

### Physician portal

Our secure, HIPAA-compliant portal is available for health care providers to take an active role in managing patient care at MD Anderson.

Visit [myMDAnderson](#) to:

- Access patient appointment schedules
- Access transcribed patient reports and results
- Receive notifications regarding referral status and results
- Update your profile and contact information

### Referring Provider Team



Phone: 877-632-6789



Fax: 713-563-2449

Monday-Friday: 8 a.m.-11 p.m.

Saturday-Sunday: 8 a.m.-7 p.m.

[physicianreferrals@mdanderson.org](mailto:physicianreferrals@mdanderson.org)

**Learn more about how to [refer a patient](#).**

THE UNIVERSITY OF TEXAS  
**MDAnderson**  
**Cancer Center**

Making Cancer History®

**11+**

thoracic  
radiation  
oncologists

**12+**

thoracic and  
cardiovascular  
surgeons

**20+**

years of experience  
with lung cancer  
resections

**20+**

thoracic/head  
and neck medical  
oncologists

**600+**

LUNG OPERATIONS PER YEAR

**95** clinical trials

