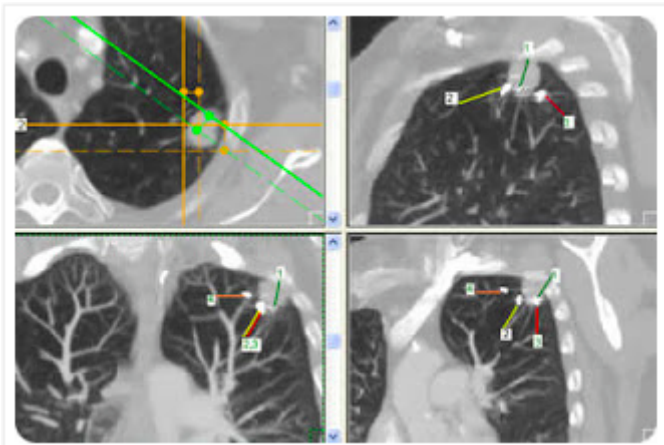


## Thoracic Cancers



Example of Lung Cancer Tumors

Thoracic cancers include lung cancers, lung carcinoid tumors, thymic malignancies, and tracheal tumors.

There are two main types of lung cancer:

- *Non-small cell lung cancer (NSCLC)* is the most common type of lung cancer. There are three main subtypes of NSCLC.
  - *Squamous cell carcinoma* starts in early versions of the cells that line the lung's airways and frequently is linked to a history of smoking.
  - *Adenocarcinoma* starts in early versions of cells that normally secrete mucus or other substances. This cancer occurs most often in smokers but sometimes also occurs in non-smokers.
  - *Large cell (undifferentiated) carcinoma* can appear in any region of the lung and can grow and spread rapidly.
- *Small cell lung cancer (SCLC)* is less common than NSCLC. It is most often seen in smokers, and tends to spread widely through the body.



## CyberKnife [1] at UCSF

UCSF Radiation Oncology is part of the UCSF Comprehensive Cancer Center, a member of the National Comprehensive Cancer Network; an alliance of 26 of the world's leading cancer centers. We offer a full range of treatments for lung cancers and other thoracic cancers, individually customized for each patient, including:

- Stereotactic Body Radiation Therapy (SBRT) [2] including CyberKnife
- Intensity Modulated Radiation Therapy (IMRT) [3] including Tomotherapy
- Lung Motion Management including 4DCT
- Image Guided Radiation Therapy (IGRT) [4] including 3D and 4D conebeam CT (CBCT)
- Volumetric modulated arc therapy (VMAT)
- Intraoperative Radiotherapy (IORT) [5]

### Helpful UCSF Internet Site:

UCSF Thoracic Oncology.....<http://top.ucsf.edu/> [6]

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UCSF Main Site

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**Source URL:** <http://radonc.ucsf.edu/thoracic-cancers>

#### Links

[1] <http://radonc.ucsf.edu/cyberknife>

[2] <http://radonc.ucsf.edu/stereotactic-body-radiation-therapy-sbrt>

[3] <http://radonc.ucsf.edu/intensity-modulated-radiation-therapy-imrt>

[4] <http://radonc.ucsf.edu/image-guided-radiation-therapy-igrt>

[5] <http://radonc.ucsf.edu/intraoperative-radiation-therapy%E2%80%8B-iort>

[6] <http://top.ucsf.edu/>