

CT Lung Resection Planning

Lung Resection Proposals Based on Bronchial/Arterial Anatomy

With a wizard-like interface design, users perform high-precision auto segmentation of the lung based on bronchi or arteries. All segmentations are stored as individual volumes that are color-coded and can be superimposed in any combination. See more detailed three-dimensional positional relationships with VR display of the pulmonary arteries, veins and bronchial tubes and surface rendered display of the lung lobes.

Key features:

- Automatic lobular division recognizing major fissures
- High precision automatic segmentation of lungs, lung lobes, bronchi, pulmonary arteries and veins
- Computes resection candidate volume based on bronchial and arterial anatomy
- Pre-operative assessment of structural relationship
- Automated measurement of distance to the resection plane and fissure from lesion

