

**for infants, adolescents, adults -**

**a broad spectrum of advanced diagnostic and therapeutic services:**

- bronchoscopy / mediastinoscopy
- videoassisted thoracic surgery ("key-hole")
- standard resections
  - ◆ segmental or wedge resection: removal of only a small part of the lung
  - ◆ lobectomy: removal of an entire lobe of the lung
  - ◆ pneumonectomy: removal of an entire lung
  - ◆
- ◆ reconstructive surgery on
  - ◇ chest wall
  - ◇ tracheobronchial system

sleeve resection: removal of a piece of bronchus, after which the lung is reattached to the remaining part of the bronchus/trachea

- chestwall correction
- laser resection
- on-site pathology
- thoracic surgery conducted cooperatively with any other surgical university department
- computed tomography (CT) of the whole body including low-dose CT
- magnetic resonance tomography (MRI) of the whole body including lung/chest
- image guided tissue biopsy including lung
- CT-guided lung tumour ablation
- interventional bronchoscopy
- endoscopic stenting
- medical sleep center
- interventional lung emphysema therapy
- diagnosis and treatment of respiratory tract diseases
- long-term ventilation therapy
- weaning from mechanical ventilation
- systemic treatment (e.g. chemotherapy, antibody treatment, tyrosine kinase inhibitors, vaccination strategies)
- multimodality approaches
- customized treatment options

