

**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

