

**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
- Interstitial Lung Disease