

1. **Chest imaging technique**

(X-ray of the lungs, CT, HRCT, USG, MR)

2. **Chest anatomy**

(Respiratory system, hilus, mediastinum, diaphragm, thoracic wall bone system)

3. **Pathological conditions of the chest wall, pleura and diaphragm - imaging methods**

(Diseases of the soft parts of the chest, skeleton, pleural effusion, PNO, calcifications, tumors, diaphragmatic diseases)

4. **Mediastinal and pericardial diseases**

(Expansion of the mediastinum, the anatomy of the pericardium, imaging methods, anomalies, acquired disease)

5. **Lung infections and their imaging**

(Pneumonia - lobar, anaerobic, atypical. Tbc, non-tuberculous mycobacterial infections, fungal pneumonia)

6. **Respiratory diseases, chronic obstructive diseases**

(Tracheal diseases, bronchiectasis, broncholithiasis, emphysema, asthma)

7. **Lung tumors and their imaging**

(Benign and malignant lung tumors, mets, diagnosis of solitary lung nodules)

8. **Anatomy and imaging of the heart**

(Normal heart anatomy, importance of individual imaging methods)

9. **Pathological heart conditions**

(The role of imaging methods)