

**1. Skull and brain**

(Imaging methods, anatomy, special CT and MR techniques)

**2. Benign and malignant intracranial tumors**

(Imaging methods, special examination methods - CT, MR - perfusion diffusion, spectroscopy, functional examination)

**3. Vascular diseases of the brain**

(Imaging methods of cerebral ischemia, extra and intraaxial hemorrhage, aneurysms, malformations , interventions)

**5. Other intracranial pathological conditions**

(Traumatic changes in the skull and brain, infections, degenerative diseases)

**6. Spine, imaging methods and pathological conditions**

(Imaging methods, degenerative disease, inflammation, tumors, trauma)