

Department of Neurosurgery

Topic list (2023 /2024):

Supervisor	Topic
Dr. Pál Barzó:	Surgical treatment of neurovascular syndromes (trigeminal neuralgia).
Dr. Pál Barzó:	Morphological and functional studies of the cortical neuronal network.
Dr. Dávid Kis:	Preoperative functional MRI and DTI-based tractography investigation of brain tumors affecting motor and speech areas.
Dr. Dávid Kis:	The role of diffusion MRI-based probabilistic connectivity examinations in the surgical treatment of movement disorders (Parkinson's disease, essential tremor).
Prof. Dr. Veres Róbert, Dr. Bod Bence	Operative management of traumatic thoraco-lumbal spinal fractures
Dr. Péter Elek, Dr. Tamás Tóth:	Retrospective follow-up studies of surgical treatment of degenerative cervical spine.
Dr. Péter Elek, Dr. Tamás Tóth:	Treatment options of degenerative cervical spine.
Dr. Péter Elek, Dr. Tamás Tóth, Dr. Kerim Watfa:	Diagnostic and treatment options of hydrocephalus.
Dr. Péter Elek, Dr. Tamás Tóth, Dr. Kerim Watfa:	Endoscopic neurosurgery.
Prof. Dr. Barzó Pál, Dr. Tahaei Arad	Unusual infections of the CNS and their treatment