

2023

Cerebrovascular disease of the central nervous system (stroke, aneurysm, angioma) and their neurosurgical treatment opt

1st lecture (19th Sep):

- a. Anatomy of the cerebral vascular system, variation of vascular system, physiology of cerebral blood circulation and their clinical implications. (Prof. Barzó Pál) 45 minutes
- b. Cerebrovascular disease/pathologies (Prof. Barzó Pál) 45 minutes

2nd lecture (3rd Oct):

- a. Surgical interventions of ruptured and silent cerebral aneurysm. (Prof. Barzó Pál) 45 minutes
- b. Neurointerventional treatment of ruptured and silent cerebral aneurysm. (Dr. Németh Tamás) 45 minutes

3rd lecture (17th Oct):

- a. Acut treatment of ischemic stroke (imaging techniques, thrombolysis, indication of mechanical thrombectomy (Dr. Lukács Melinda) 45 minutes
- b. Mechanical thromectomy (history, indications, methods) (Dr. Németh Tamás) 45 minutes

4th lecture: (31st Oct):

- a. Ischaemic stroke, stroke prevention (surgical treatment of carotid endarterectomy), surgical thrombectomy. (Prof. Dr. Bodosi Mihály) 60 minutes
- b. Endovascular stroke prevention (surgical treatment of carotid endovascular) (Dr. Hausinger Péter) 30 min

5th lecture (14th Nov):

- a. Surgical treatment of arteriovenous malformations (AVM). (Prof. Dr. Bodosi Mihály) 30 minutes
- b. The role of neurointervention in the treatment of AVM. (Dr. Németh Tamás) 30 minutes

6th lecture (28th Nov):

- a. Tumor embolisation, drug administration by using superselective catheter, hormone level determination, embolization of subdural hematoma (Dr. Márkos-Gergely Gellér) 45 minutes
- b. Arterial approches neurointervention (Dr. Hausinger Péter) 45 minutes

7th lecture (12th Dec): Multiple-choice test