

TOPICS FOR THE COMPETITION EXAM
AS A UNIVERSITY PROFESSOR
position 5 of the Statute of functions of the
Department of Surgical Disciplines academic year 2021-2022

1. Neurosurgical semiology.
2. Craniocerebral and vertebromedullary neuroradiological semiology.
3. Intracranial gliomas.
4. Intracranial meningiomas.
5. Intracranial metastases.
6. Tumors of the pineal region.
7. Tumors of the saddle and parasellar region. Craniopharyngiomas.
8. Tumors of the base of the skull.
9. Intraventricular tumors.
10. Tumors of the posterior cranial fossa.
11. Dysembryoplastic tumors.
12. Tumors of the craniospinal junction.
13. Brain tumors in children.
14. Multimodal treatment of brain tumors.
15. Extradural vertebral and intraracheal tumors.
16. Intradural extramedullary tumors.
17. Intramedullary tumors.
18. Craniocerebral trauma.
19. Spinal cord injuries.
20. Occlusive cerebrovascular diseases.
21. Intracranial aneurysms.
22. Cerebral vascular malformations and arteriovenous fistulas.
23. Spontaneous intracerebral hematoma.
24. Cervical, thoracic and lumbar disc herniation.
25. Lumbar canal stenosis.
26. Spondylolisthesis and spondylosis.
27. Congenital brain malformations.
28. Malformations of the craniospinal junction.
29. Craniostenoses.
30. Meningomyelocele and meningoencephalocele.
31. Hydrocephalus in infants and young children.
32. Adult hydrocephalus.
33. Pathology of peripheral nerves.
34. Trigeminal neuralgia.

35. Dyskinesia surgery.
36. Epilepsy surgery.
37. Neurosurgical infectious pathology.
38. Cerebral parasitosis.

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2. E.P. Ciofu, C. Ciofu (sub red.) - Pediatrics, Ed. Med., 2001 - A.V. Ciurea (cap. 17).
3. Al. Constantinovici, A.V. Ciurea - Practical guide of neurosurgery, Ed. Med., 1998.
4. L. Dănilă - Treatment of brain tumors, Ed. Acad. Rom., 1993.
5. M.S. Greenberg - Handbook of Neurosurgery, 8th. Ed., Thieme, 2016.
6. H.H. Schmidek, W.H. Sweet - Operative Neurosurgical Techniques, 3rd ed., W.B. Saunders Company, 1995.
7. Richard G. Ellenbogen, Laligam N. Sekhar, Neil Kitchen - Principles of Neurological Surgery, 4th Edition, 2018.
8. Romanian Neurosurgery - The magazine.

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