



UMFT

Universitatea de
Medicină și Farmacie
„Victor Babeș”
din Timișoara

TEMATICA SI BIBLIOGRAFIE

DISCIPLINA NEUROCHIRURGIE

Tematica Conferențiar – pozitia 15

1. Nevralgia de trigemen. Clinica, fiziopatologie, tratament chirurgical. (3, 5, 6, 7, 12, 13)
2. Spasmul hemifacial. Clinica, fiziopatologie, tratament chirurgical. (5, 6, 7, 9, 12, 13)
3. Chirurgia durerii – tehnici lezionale (3, 4, 5, 6, 12, 13)
4. DREZ-tomia. Principii, tehnica si aplicatii (1)
5. Tehnici de neuromodulare in tratamentul durerii neuropatice. (3, 4, 5, 6, 12, 13)
6. Radicotomia posterioara functionala pentru tratamentul spasticitatii la copii diplegici. (8)
7. Tratamentul chirurgical al epilepsiei. De la investigatii invazive la resectia de focar. (2, 4, 7, 11, 12, 13)
8. Stimularea cerebrala profunda pentru tratamentul bolii parkinson, a distoniei si a tremorului esential. (1, 2, 4, 7)
9. Monitorizarea neurofiziologica in chirurgia spinala. (9, 10)
10. Meningiomele parasagitale si de convexitate. Clasificare si tratament chirurgical. (1, 2, 7, 12, 13)
11. Tratamentul chirurgical al gliomelor de grad inalt: tehnici si impact al rezețiilor extensive (1, 2, 7, 12, 13)
12. Tratamentul chirurgical al gliomelor de grad mic. Rolul chirurgiei cu pacientul vigil. (1, 2, 7, 12, 13)

1. Trigeminal neuralgia. Clinical presentation, mechanisms, surgical treatment.
2. Hemifacial spasm. Clinical presentation, mechanisms, surgical treatment.
3. Surgery for pain – lesional techniques.
4. DREZotomy. Principles technique and practical application.
5. Neuromodulation techniques for the surgical treatment of neuropathic pain.
6. Posterior radicotomy in the management of spasticity of diplegic children.
7. Surgical treatment of epilepsy. From invasive investigations to resection.
8. Deep brain stimulation for the treatment of parkinson's disease, dystonia and essential tremor.
9. Monitoring for spinal surgery
10. Parasagittal and convexity meningiomas. Clasification and surgical treatment.
11. Surgical treatment of high grade gliomas. Role and techniques of extensive resections.
12. Surgical treatment of low grade gliomas. Awake surgery.

Bibliografie:

1. H R Winn (ed) Youmans and Winn Neurological Surgery, 7th Edition, Elsevier 2016
2. A Quinones-Hinojosa (ed)- Operative Neurosurgical Techniques, 6th edition Elsevier, 2002
3. Enciclopedie Medio-Chirurgicale Elsevier Masson SAS 2018
4. A M Lozano, P L Gildenberg, R R Tasker (Eds). Textbook of stereotactic and functional neurosurgery. Springer 2009
5. M Leveque (ed) Chirurgie de la douleur. Springer 2014
6. K J Burchiel Surgical Management of Pain Thieme 2017
7. M Sindou Practical Handbook of neurosurgery. Springer 2009
8. Richard G. Fessler and Laligam N. Sekhar: Atlas of neurosurgical techniques: spine and peripheral nerves. Springer 2016
9. J Schramm, AR Moller (Eds) Intraoperative Neurophysiologic Monitoring in Neurosurgery Springer-Verlag 1991
10. V Deletis Neurophysiology in Neurosurgery: A modern intraoperative approach Elsevier 2002.
11. JM Scarabin (Ed) Stereotaxy and epilepsy surgery John Libbey Eurotext 2012
12. Journal of Neurosurgery - revista
13. Acta Neurochirurgica - revista