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SYNOPSIS

Neurosurgery 2015/2016 academic year

- 1. Lumbar disc hernia. Clinic, diagnosis, treatment. Indications for surgical treatment. Types of surgery.
- 2. Cervical disc hernia. Clinic, diagnosis, surgical treatment. Indications for surgical treatment.
- 3. Intracranial tumors classification. intracranial hypertension syndrome.
- 4. Intracranial tumors with supratentorial hemisferial location clinical manifestations, diagnosis, treatment.
- 5. Intracranial tumors. subtentorial location clinic. diagnosis, treatment.
- 6. Intracranial tumors in the sellar area clinic, diagnostic, treatment.
- 7. Spinal tumors. Classification, Clinical picture. Diagnostic tests. Surgical treatment.
- 8. Craniocerebral injuries classification. Basic principles of treatment.
- 9. Fractures of the skull base and Calvary –fracture types, diagnosis, treatment.
- 10. Closed craniocerebral injuries concussion, contusion clinic, diagnosis, treatment.
- 11. Brain compression: epidural hematoma, subdural hematoma, subdural hydroma, intracerebral hematoma - clinic, diagnosis, treatment.
- 12. Gunshot craniocerebral trauma: clinical characteristics, diagnosis, treatment.
- 13. Severe cranio-cerebral injury clinic, prognosis and outcome.
- 14. Sequellae after cranio-cerebral injury: posttraumatic dizziness, encephalopathy. Treatment.
- 15. Spinal injuries classification, pathogenesis, Pathomorphology, neurological syndromes, diagnosis and treatment. Spinal reconstructive surgery.
- 16. Brain aneurysms clinical characteristics and treatment.
- 17. Arteriovenous malformations classification, clinical characteristics and treatment.
- 18. Brain abscess etiology, pathogenesis, clinical features and treatment.
- 19. Cystic cercosis of the brain and hydatid disease clinical treatment Hydrocephalus - Pathogenesis, clinical characteristics and treatment.
- 20. Congenital diseases of the nervous system disrhafic syndrome.
- 21. Functional Neurosurgery.