

26. Analysis of the normal content of cerebrospinal fluid (CSF). CSF changes in various diseases of the nervous system (stroke, meningitis, encephalitis, multiple sclerosis, neurotuberculosis etc.).

27. Lumbar puncture – methodology of the procedure, indications, contraindications, possible complications and their elimination.

28. Radiological diagnostic methods in neurology (craniography, spondylography, myelography, angiography) – physical principles and diagnostic value.

29. Computed tomography (CT), magnetic resonance imaging (MRI), positron emission tomography (PET) – physical principles, diagnostic value in neurology, contraindications for usage.

30. Doppler ultrasonography of the major cervical and cranial vessels – physical principles, diagnostic value in neurology.

31. Electroneuromyography (ENMG) and evoked potentials – physical principles, interpretation and informative value of the method.

32. Electroencephalography (EEG) – physical principles, interpretation and informative value of the method. Characteristic changes on EEG in epilepsy.

33. Scheme of neurological case history.

34. Mini-Mental State Examination scale.

35. Scales used to assess a patient's cognitive status.

36. Glasgow Coma Scale, its interpretation.

### **List of the practical skills to the section "Clinical Neurology"**

1. Examination and its protocol of the patient with thrombotic ischemic stroke.

2. Examination and its protocol of the patient with embolic ischemic stroke.

3. Examination and its protocol of the patient with subarachnoid hemorrhage.

4. Examination and its protocol of the patient with hemorrhagic parenchymatous stroke.

5. Examination and its protocol of the patient with transient ischemic attack.

6. Examination and its protocol of the patient with migraine attack.

7. Examination and its protocol of the patient with exacerbation of multiple sclerosis.

8. Examination and its protocol of the patient with with symptomatic epilepsy with generalized seizures.

9. Examination and its protocol of the patient with status epilepticus.

10. Emergency care in epileptic status.

11. Examination and its protocol of the patient with generalized myasthenia complicated with myasthenic crisis.

12. Examination and its protocol of the patient with generalized myasthenia complicated with cholinergic crisis.

13. Examination and its protocol of the patient with concussion.

14. Examination and its protocol of the patient with Guillain-Barre syndrome.

15. Examination and its protocol of the patient with acute infectious myelitis.

16. Examination and its protocol of the patient with syringobulbia.

17. Examination and its protocol of the patient with tuberculous meningitis.

18. Examination and its protocol of the patient with acute Bell's palsy.

19. Examination and its protocol of the patient with diabetic polyneuropathy.

20. Examination and its protocol of the patient with alcoholic polyneuropathy.

21. Examination and its protocol of the patient with trigeminal neuralgia.