

General neurology

- 1. Muscle hypotonia and hypertonia**
- 2. Muscle hypotrophy, hypertrophy and hyperplasia**
- 3. Extrapyrarnidal hyperkinetic syndromes**
- 4. Central and peripheral paralysis – characteristic, differential diagnosis**
- 5. Sudden-onset and slow-progressive transversal spinal cord damage**
- 6. Epiconus, conus and cauda equina syndromes**
- 7. Brown-Séguard syndrome**
- 8. Tabic syndrome (posterior cord syndrome), syringomyelic syndrome (central cord syndrome)**
- 9. Cerebellar syndromes**
- 10. Bulbar and pseudobulbar palsy**
- 11. Peripheral and central vestibular syndrome**
- 12. Intracranial hypertension and intracranial hypotension syndrome**
- 13. Occipital and temporal conus**
- 14. Meningeal syndrome**
- 15. Frontal lobe syndrome**
- 16. Rolandic syndrome**
- 17. Temporal lobe syndrome**
- 18. Parietal lobe syndrome**
- 19. Occipital lobe syndrome**
- 20. Thalamic syndrome**
- 21. Brainstem syndromes (Parinaud, Weber, Millard-Gubler, internuclear ophthalmoplegia, Wallenberg, Jackson)**
- 22. Qualitative and quantitative disturbances of consciousness**
- 23. Neurogenic bladder dysfunction**
- 24. Ponto-cerebellar syndrome**
- 25. Radicular syndromes (L4, L5, S1, C6, C7, C8), pseudoradicular syndrome**

- 26. Limbic system**
- 27. Sympathetic and parasympathetic nervous system**
- 28. Motor control at spinal cord level**
- 29. Supraspinal motor control**
- 30. Sleep, wakefulness, reticular formation**
- 31. Cerebrospinal fluid**
- 32. Blood supply of brain and spinal cord**
- 33. Pain**
- 34. Radiological and nuclear medicine diagnostic methods in neurology**
- 35. Interventional neuroradiology (treatment of neurological diseases)**
- 36. Ultrasonography in neurology**
- 37. EEG, videoEEG**
- 38. Electromyography, transcranial magnetic stimulations**
- 39. Evoked potentials, videonystagmography**
- 40. Cranial nerves III, IV a VI**
- 41. Cranial nerve V**
- 42. Cranial nerve VII**
- 43. Cranial nerve VIII**
- 44. Cranial nerve I, II**
- 45. Cranial nerves IX, X, XI, XII**
- 46. Brain and muscle biopsy**
- 47. Differential diagnosis of ataxia**

Special neurology

- 1. Vertebrogenic pain syndromes, spinal stenosis**
- 2. Median and ulnar nerve damage**
- 3. Axillar and radial nerve damage**

- 4. Fibular and tibial (sciatic) nerve damage**
- 5. Femoral and obturator nerve damage**
- 6. Bell's palsy (facial nerve paralysis)**
- 7. Trigeminal nerve neuralgia**
- 8. Polyneuropathies (GBS, CIDP, MMN, diabetic ...)**
- 9. Syringomyelia**
- 10. Brain, meninges, spinal cord and peripheral nerves tumours**
- 11. Brain metastases and meningeal carcinomatosis**
- 12. Brain abscess and brain empyema**
- 13. Mild head injury, cerebral contusion, diffuse axonal injury, subdural and epidural haematoma**
- 14. Intracerebral haemorrhage**
- 15. Focal brain ischaemia**
- 16. Subarachnoid haemorrhage**
- 17. Cerebral vein and cerebral venous sinus thrombosis**
- 18. Multiple sclerosis and related disorders**
- 19. Para-infectious and post-vaccinal encephalitis, acute disseminated encephalomyelitis**
- 20. Meningitis**
- 21. Parkinson disease**
- 22. Huntington's disease and other choreatic syndromes**
- 23. Wilson disease**
- 24. Alzheimer disease and other dementias**
- 25. Primary generalized epilepsies**
- 26. Focal epilepsies**
- 27. Status epilepticus**
- 28. Narcolepsy and hypersomnia**
- 29. Migraine and other headache types**

- 30. Motor neurone diseases**
- 31. Neurological symptoms associated with vitamin B12 deficiency**
- 32. Hereditary myopathies**
- 33. Myotonia and periodic paralysis**
- 34. Myasthenia gravis and Lambert-Eaton syndrome**
- 35. Differential diagnosis of comatose states**
- 36. Creutzfeldt-Jakob disease**
- 37. Neuroborreliosis**
- 38. Neurologic manifestations of AIDS**
- 39. Essential tremor**
- 40. Anxiety–depressive disorder**
- 41. Obsessive–compulsive disorder**
- 42. Panic disorder**
- 43. Tetany and hyperventilation syndrome**
- 44. Functional neurological disorder**
- 45. Botulism**
- 46. Polymyositis and dermatomyositis**
- 47. Brain death**
- 48. Vegetative state**
- 49. Complex regional pain syndrome**
- 50. Dystonias**