

УТВЪРДИЛ:.....

РЪКОВОДИТЕЛ Катедра по неврология Проф. д-р П. Атанасова, дмн

LECTURES PROGRAMME

Master Programme - Medicine

Winter Semester 2022/2023

1. Short history of Neurology. Reflex activity. Clinical significance
2. Somatic sensation. Sensory disorders. Clinical significance
3. Syndromes of sensory disorders. Pain
4. Motor system and motor activity. Pyramidal system. Muscle tone
5. Extrapyramidal system and its disorders. Main extrapyramidal syndromes
6. Cerebellum and coordination of movements. Clinical significance of their disorders. Gait and posture
7. Autonomic nervous system and autonomic disorders
8. General neurological syndromes. Syndromes of meningeal irritation. Alterations of consciousness. Syndrome of elevated intracranial pressure
9. Localization of cerebral functions. Topical diagnosis of individual spinal nerve lesions, root lesions, plexus lesions
10. Localization of cerebral functions. Topical diagnosis of syndromes of spinal cord and brainstem lesions
11. Localization of cerebral functions. Higher cortical functions and their disorders
12. Localization of cerebral functions. Syndromes of lesions of the cerebral lobes
13. Neuroradiology. Computed tomography and magnetic resonance imaging
14. Clinical neurophysiology. Electromyography and electroencephalography

TEXTBOOKS

1. Neurology. Ed.: P. Shotekov, ARSO medical Publishing company, Sofia, Bulgaria, 2016.
2. General Neurology. Ed: M. Popova, Publishing center Higher Institute of Medicine, Pleven, 2002

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PROGRAMME OF EXERCISES

Master Programme - Medicine

Winter Semester 2022/2023

1. Introduction. Short history of Neurology. Neurological case history.
2. Normal reflexes
3. Pathological reflexes. Clinical significance
4. Somatic sensation. Anatomy and physiology. Examination methods
5. Sensory syndromes. Clinical significance
6. Meningeal syndrome. Symptoms of meningeal irritation. Cerebrospinal fluid examination. CSF syndromes
 7. Motor system and motor activity. Pyramidal system. Muscle tone and muscle strength. Syndromes of disordered motor functions
 8. Motor system and motor activity. Extrapyramidal system and its disorders
 9. Motor system and motor activity. Coordination of movements. Anatomy and Physiology of cerebellum. Clinical significance of their disorders
10. Practical examination. Cranial nerves I-VII.. Anatomy and physiology Examination methods. Symptomatology
11. Cranial nerves VIII - XII. Anatomy and physiology Examination methods. Symptomatology. Bulbar palsy. Pseudobulbar palsy
12. Topical diagnosis. Spinal nerves. Spinal cord syndromes Brainstem syndromes
 - Topical diagnosis. Internal capsule syndrome. Syndromes of lesion of the cerebral cortex
13. Topical diagnosis. Syndromes of lesions of the cerebral lobes
14. Neurophysiological methods of examination of the nervous system