

**THEMATIC PLAN OF PRACTICAL STUDIES
IN EMERGENCY NEUROLOGY FOR THE FACULTY OF FOREIGN STUDENTS
(addition class)**

1. Introduction to neuroreanimatology. Features of neurological examination of patients in a coma.

- 1.1. Definition of consciousness, classification of qualitative and quantitative disorders of consciousness.
- 1.2. Leading causes of mental disorders.
- 1.3. Basic principles for examining patients in a coma.

2. Differential diagnosis coma. Cerebral Coma.

- 3.1. Differential diagnosis of the causes of coma.
- 2.1. Classification of comas.
- 2.2. Basic principles of therapy com.

3. Cerebral edema, pathogenesis, clinical features of stages, therapy.

- 3.1. Etiology and pathogenesis of cerebral edema.
- 3.2. Clinical features of the stages of cerebral edema, symptoms of dislocation of the medulla.
- 3.3. Medical and surgical treatment of cerebral edema.

4. Emergency conditions accompanying craniocerebral and spinal cord injury.

- 4.1. Classification of craniocerebral and spinal cord injury.
- 4.2. Early and late complications of injuries of the nervous system.
- 4.3. Principles of transportation and care in pre-hospital patients with traumatic brain and spinal cord injury.
- 4.4. Emergency care for injuries of the nervous system.

5. Emergency conditions in acute disorders of cerebral circulation.

- 5.1. Types of acute disorders of cerebral circulation, principles of differential diagnosis at the prehospital and hospital stage.
- 5.2. Emergency conditions in acute disorders of cerebral circulation.
- 5.3. Instructions for the provision of medical care to patients with stroke ("road map").

6. Emergency conditions in acute disorders of cerebral circulation.

- 6.1. Basic principles of basic and differentiated therapy.
- 6.2. Thrombolysis, mechanical removal of a blood clot. Principles of neuroprotection.

7. Emergency care for acute infections of the nervous system.

- 7.1. Classification of inflammatory diseases of the nervous system.
- 7.2. The main clinical manifestations of acute infections of the nervous system.
- 7.3. Emergency conditions arising from meningitis and encephalitis.
- 7.4. Principles of therapy of urgent conditions in infections of the nervous system.

8. Paroxysmal conditions in neurology, epilepsy and convulsive syndrome.

- 8.1. Classification of the causes of paroxysmal conditions in neurology.
- 8.2. Epilepsy and epileptic syndromes.
- 8.3. Status epilepticus, definition, clinic, emergency care

9. Urgent conditions accompanying myasthenia gravis and myoplegia.

- 9.1. Myasthenic and cholinergic crisis, differential diagnosis.
- 9.2. Principles and measures of emergency therapy.
- 9.3. Paroxysmal myoplegia, etiology, pathogenesis, clinic.
- 9.4. Principles of emergency care.

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