

Thematic plan of practical classroom training sessions for students of the 4th year of the Faculty of Foreign students studying in English for the 8th semester

Lesson #1.

Topic 2.2. Intensive care in the early postoperative period

1. The main types of water-electrolyte disorders, clinical pathophysiology, clinical signs, intensive care.
2. Parenteral nutrition. Purpose, indications, types, drugs.

Topic 2.3. Intensive care of diseases accompanied by circulatory disorders.

2. Parameters of central hemodynamics.
3. Shock. Classification, clinical pathophysiology, principles of diagnosis and intensive therapy.

Lesson #2.

Topic 2.3. Intensive care of diseases accompanied by circulatory disorders

1. Intensive Therapy in complicated myocardial infarction (cardiogenic shock, pulmonary edema, rhythm disturbance).
2. Hypertensive crisis: pathophysiology, intensive care.
3. Thromboembolism in the pulmonary artery system: pathogenesis, clinical signs, diagnosis, intensive care.

Topic 2.4. Intensive care of diseases accompanied by acute respiratory failure (ARF)

4. The concept of ARF.
5. Types of ARF, clinical pathophysiology.
6. Monitoring of respiratory function.

Lesson #3.

Topic 2.4. Intensive care of diseases accompanied by acute respiratory failure

1. Indications and methods of oxygen therapy.
2. Hyperbaric oxygenation. Indications and contraindications.
3. Methods of mechanical ventilation. Indications and methods of carrying out.
4. Intensive care for acute respiratory failure, developed as a result of massive pneumonia, non-stop attack of bronchial asthma, aspiration syndrome, respiratory distress syndrome.
5. Indications for tracheostomy and conicotomy, complications. Care of tracheostomized patients.

6. Practicall skill «Airway Patency»

Lesson #4.

Topic 2.5. Intensive care of comatose states

1. Definition of comatose states, their classification by etiology and severity.
2. Features of the clinical course of coma, differential diagnosis of various types of coma (coma in diabetes, renal, hepatic, brain coma).
3. Conducting intensive care, monitoring patients in a comatose state.
4. Complications in comatose patients.

Lesson #5.

Topic 2.6. Intensive care in toxicology

1. General toxicology. Classification of poisoning.
2. Stages of poisoning, clinical pathophysiology.
3. General principles of treatment of acute poisoning.
4. Features of IT in various acute poisoning (poisoning with alcohol and its surrogates, hypnotics and sedatives, organophosphorous compound, chlorinated hydrocarbons, cauterizing liquids, carbon monoxide, mushrooms).

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