

SELECTIVE DISCIPLINE
for IV-year students of the faculty of medicine
for the 2022-2023 academic year

Name of discipline	EMERGENCY STATES IN PEDIATRICS
Department	Pediatrics and Medical Genetics
Researchers and teachers who will teach the discipline	Andriychuk D.R. Khlunovska L.Yu.
A brief description of the content of the discipline	<p>The aim of the discipline: to acquire knowledge and skills related to the providing of emergency care to a child in critical conditions, serious illnesses and accidents.</p> <p>Tasks:</p> <ol style="list-style-type: none"> 1. To teach the future pediatric dentist to collect and evaluate information about the child's health. 2. Teach the correct diagnosis and choice of necessary treatment measures. 3. Educate the doctor the necessary determination, efficiency and ability to organize the necessary care to eliminate the threatening condition. 4. To study the methods of providing emergency care in pediatrics which are constantly improving, taking into account the latest advances in medical science in general and pediatrics in particular. 5. Diagnose and provide emergency medical care for acute conditions in children: acute cardiovascular failure; respiratory failure; convulsive syndrome; Quincke's edema; hyperthermia, and others. <p>The results of the study of the discipline: <i>The student should know:</i></p> <ol style="list-style-type: none"> 1. Conduct a clinical examination of various organs and systems in healthy and sick children. 2. Features of intensive care aimed at preventing the development of irreversible metabolic changes in the organs in catastrophic disorders of their vital functions. 3. Pathological syndromes that directly threaten the life of the patient and the arsenal of drugs used to eliminate them. 4. Disorders of water-electrolyte metabolism and acid-base balance in children. 5. Emergency conditions of early childhood (spasmophilia, hypervitaminosis D, convulsive syndrome, hyperthermic syndrome). 6. Acute circulatory disorders (shock of various kinds, fainting, collapse, acute heart failure). 7. Disorders of rate and rhythm of the heart (bradycardia, paroxysmal tachycardia, WPW syndrome, blockades) (Centre of Simulation Medicine). 8. Acute respiratory failure (foreign body, asthmatic status, apnea).

	<p>9. Emergency care for diseases of the digestive system (vomiting, gastrointestinal bleeding, acute liver failure, Ray syndrome).</p> <p>10. Emergency care for kidney disease (acute renal failure, hemolytic-uremic syndrome).</p> <p>11. Emergency care in diabetology (ketoacidotic, hyperglycemic, lactic-acidotic and hypoglycemic coma).</p> <p>12. Acute poisoning in children.</p> <p><i>The student should be able to:</i></p> <ol style="list-style-type: none"> 1. Basics of cardiopulmonary and cerebral resuscitation in children of different ages (Centre of Simulation Medicine). 2. Diagnose and provide emergency care for basic emergencies in the pediatric clinic. 3. Demonstrate moral-deontological and subordinate principles of a medical specialist.
<p>Ensuring general and professional competencies</p>	<p>GC 1 Ability to abstract thinking, analysis and synthesis.</p> <p>GC 2 Knowledge and understanding of the subject area and understanding of professional activity.</p> <p>GC 3 Ability to apply knowledge in practice.</p> <p>GC 8 Ability to adapt and act in a new situation.</p> <p>GC 9 Ability to identify, pose and solve problems.</p> <p>GC 10 The ability to be critical and self-critical.</p> <p>SG 1 Ability to collect medical information about the patient and analyze clinical data.</p> <p>SG 3 Ability to diagnose: determine the preliminary, clinical, final, concomitant diagnosis, emergencies.</p> <p>SG 7 Ability to determine the tactics of management of patients with diseases of organs and tissues of the oral cavity and maxillofacial region with concomitant somatic diseases.</p> <p>SG 8 Ability to perform medical and dental manipulations.</p> <p>SG 9 Ability to treat basic diseases of organs and tissues of the oral cavity and maxillofacial region.</p>