Speciality "General Medicine"

ACADEMIC DISCIPLINE "PEDIATRIC SURGERY"
PEDIATRIC MODULE

Academic discipline outline	Acute surgical abdominal diseases and processes, purulent-septic diseases, and some congenital developmental defects: diagnosis, clinical manifestations, and surgical treatment in children of various age groups. Medical examination of the pediatric population with surgical pathology.
Resulting skills	Specialized competence. To assess clinical symptoms, to apply methods of examining a sick child, laboratory and differential diagnostics, to formulate a clinical diagnosis, to master the principles of treatment, prevention and medical rehabilitation for diseases in children and adolescents. Specialized competence. To assess clinical symptoms, to apply methods of examining a sick child, laboratory and differential diagnostics, to formulate a clinical diagnosis, to master the principles of treatment, prevention and medical rehabilitation for diseases in children and adolescents.
Learning outcomes	A student must: **know:** the etiology, pathogenesis, classification, clinical manifestations, diagnosis and differential diagnosis, treatment methods and prevention of common surgical diseases and injuries in newborns, children and adolescents; diagnostic methods, treatment strategies and transportation rules for newborns with surgical diseases; clinical manifestations, diagnosis and treatment strategies for diseases and pathological processes in children requiring emergency surgical care; the basics of preoperative preparation for children with surgical diseases; organization of surgical care for children in outpatient settings, follow-up groups and methods for assessing its effectiveness; medical ethics and deontology in pediatric surgery; **be able to:** examine pediatric patients with surgical diseases and injuries; form a preliminary diagnosis of surgical diseases in pediatric patients in typical cases;

	develop a diagnostic examination program for specific nosological entities; determine the timing of referrals to a pediatric surgeon for pediatric patients with various types of surgical diseases and malformations; provide medical care in case of accidents, injuries, bleeding and other conditions threatening the patient's life and health; administer necessary pathogenetic therapy aimed at preventing complications; determine indications and conditions for transporting pediatric patients with surgical diseases and malformations; prepare medical documentation; **master:** skills for physical examination of children and adolescents with surgical diseases and injuries; skills in interpreting laboratory and instrumental diagnostic methods; skills in organizing sanitary and hygienic education to promote a healthy lifestyle.
Semester(s)	9 semester
Prerequisite	Latin language. Human anatomy. Histology, cytology, embryology. Normal physiology. General surgery/ Pharmacology. Pathological anatomy. Pathological physiology. Microbiology, virology, immunology. Topographic anatomy and operative surgery.
Credit value	2 credits
Academic hours	88 academic hours, of which: 58 class hours
Forms of midterm attestation	Test