Speciality "General Medicine"

ACADEMIC DISCIPLINE "SURGICAL DISEASES"
SURGERY MODULE 3

Academic discipline outline	Etiology, pathogenesis, clinical picture, diagnostic methods, differential diagnostics, treatment and prevention of diseases requiring the use of surgical correction methods.
Resulting skills	Specialized skills for diagnosis, differential diagnosis and treatment of the main surgical diseases and injuries of the abdominal and thoracic organs, as well as peripheral veins and arteries.
Learning outcomes	A student must **know:** etiology, pathogenesis, classification, clinical picture, diagnosis and differential diagnosis, methods of treatment and prevention of the most common surgical diseases and injuries in adult patients in peacetime and wartime; features of diagnostics, clinical picture and medical tactics for diseases and pathological processes requiring emergency surgical care; medical tactics in the development of a critical condition in a patient with a surgical disease; basic principles of assistance in performing emergency operations on abdominal and thoracic organs; basic principles of blood component transfusion; **be able to:** conduct a conversation with the patient based on an assessment of his mental and personal characteristics, individual reaction to the disease; use interpersonal communication techniques; conduct preventive examinations of the population and dispensary observation, clinical and genealogical examination; examine the patient (questioning, inspection, percussion, palpation, auscultation); determine indications for additional diagnostic methods and carry out clinical interpretation of the obtained data; conduct differential diagnostics of diseases, use specialist consultations when establishing a final clinical diagnosis; draw up approved forms of medical documentation; conduct an examination of temporary disability and an examination of the disruption of vital functions of patients;

	provide emergency medical care for acute surgical abdominal and thoracic diseases and processes, abdominal and thoracic trauma, esophageal burns, gastrointestinal bleeding; organize the transportation of patients with acute surgical abdominal and thoracic diseases to specialized healthcare organizations and provide medical support; perform venipuncture, venesection, pleural puncture (on a simulator); perform primary surgical treatment of the wound (on a simulator); manage psychological and personal mechanisms in the process of treating patients with neuropsychiatric and somatic diseases; **master:** methods of collecting anamnesis, examination and physical examination of patients with suspected surgical pathology; a method for identifying the most frequently occurring symptoms of surgical diseases; assisting techniques for the removal of benign superficial tumors, appendectomy, cholecystectomy, herniotomy and other commonly performed abdominal and thoracic surgeries; skills in treating uncomplicated surgical wounds; methods of applying and removing skin sutures; methods of caring for pleural drains and abdominal drains, as well as the technique for their removal; technique for conducting a digital rectal examination.
Semester(s)	7, 8, 9, 10 semesters 11 semester - the sub-residency profile is “General Medical Practice”.
Prerequisite	Medical and biological physics. Medical biology and general genetics. Latin language. Human anatomy. Histology, cytology, embryology. Normal physiology. Microbiology, virology, immunology.
Credit value	9 credits
Academic hours	370 academic hours, of which: 205 class hours The sub-residency profile is “General Medical Practice”: 120 academic hours, of which 80 class hours

Forms of midterm attestation	Examination