Speciality "General Medicine"

ACADEMIC DISCIPLINE "TOPOGRAPHIC ANATOMY AND OPERATIVE SURGERY"
SURGICAL MODULE 1

Academic discipline outline	Systematised scientific knowledge on spatial arrangement and interrelation of organs and tissues, techniques of most common surgical interventions. Layer-by-layer structure of the human body by regions and topography of organs with special features of blood supply, innervation and regional lymphatic drainage, projections of major anatomical structures onto the skin surface, topography of fascial compartments, sheaths and cellular spaces. Skills necessary for diagnosis and selection of rational treatment methods for major surgical diseases.
Resulting skills	Specialised competence. To use knowledge of the structure and topography, function of organs and systems of the human body in the age aspect when performing basic surgical manipulations.
Learning outcomes	A student must: **know:** - topography of anatomical regions of the human body; - topography of organs with special features of their blood supply, innervation and regional lymphatic drainage; - topography of major neurovascular structures and their projection onto the surface of the human body; - principles and techniques of performing classical surgical interventions in various surgical departments; - names and purposes of surgical instruments; **be able to:** - use acquired anatomical knowledge to explain clinical symptoms of various diseases, for diagnosis and selection of rational treatment methods; - use basic techniques of working with surgical instruments; - apply techniques of dissection, separation and joining of tissues using appropriate surgical instruments by region; **master:** - basic surgical instruments; - techniques of dissection, separation and joining of tissues using appropriate surgical instruments;

	- principles of selecting rational methods of surgical treatment; - skills of providing emergency medical care in selected urgent conditions (bleeding, asphyxia, etc.); - technique of placing and removing interrupted skin sutures; - skills of working as a scrub nurse, assisting in surgical interventions, providing emergency medical care in urgent situations.
Semester(s)	6, 7 semesters
Prerequisite	Human anatomy Pathological anatomy General surgery
Credit value	6 credits
Academic hours	218 academic hours total, of which: 100 classroom hours
Forms of midterm attestation	Test Examination