Speciality "General Medicine"

ACADEMIC DISCIPLINE "OFHTHALMOLOGY"
SURGICAL MODULE 2

Academic discipline outline	Methods of examining the visual organ. Etiology, pathogenesis, clinical signs, diagnosis, and treatment of major eye diseases. Ophthalmological symptoms in diseases of various organs and systems.
Resulting skills	Specialized competence. To provide primary and specialized medical care for the most common otorhinolaryngological, dental, and ophthalmological diseases and injuries, including emergency and life-threatening conditions.
Learning outcomes	A student must: **know:** etiology, pathogenesis, classification, clinical manifestations, methods of diagnostics, treatment and prevention of the most common diseases and injuries of the vision organ; organization of eye care to the population; visual functions and methods of their study; types, methods of defining clinical refraction and astigmatism, ways of correcting anomalies of refraction and astigmatism, types of disorders of accommodation and correction of anisometropia; ocular complications of cardiovascular, nervous and endocrine systems diseases, collagenoses, infectious and blood diseases, congenital pathology of the vision organ diseases; signs of eyeball the trauma (mechanical injuries, thermal, chemical and radiation burns, contusions); the main eye diseases, leading to vision deterioration and blindness; rules of medical ethics and deontology; **be able to:** plan and conduct communicative interaction with the patient, based on an assessment of his mental and personal characteristics, individual reaction to the disease; prevent ocular complications of cardiovascular, nervous and endocrine systems diseases, collagenoses, infectious and blood diseases, congenital pathology of the vision organ diseases; study visual functions; make a preliminary diagnosis in case of injuries and major eye diseases; render emergency medical aid in case of eye trauma; **master:** assessment of intraocular pressure by the approximate

	(palpatory) method; skills of removing foreign bodies from the conjunctiva of the eyeball; skills of rendering emergency medical aid in burns and injures eyes.
Semester(s)	9, 12 semesters
Prerequisite	Medical and biological physics. Medical biology and general genetics. Latin language. Human anatomy. Histology, cytology, embryology. Normal physiology. Microbiology, virology, immunology. Pathological anatomy. Pharmacology.
Credit value	5 credits
Academic hours	162 academic hours, of which: 90 class hours
Forms of midterm attestation	Credit