Speciality "General Medicine"

ACADEMIC DISCIPLINE "ONCOLOGY"

SURGICAL MODULE 3

Academic discipline outline	Organization of oncological care. Etiology, pathogenesis, classification of malignant neoplasms. Clinical picture, diagnosis, differential diagnosis, and principles of treatment for the main localizations of malignant neoplasms. Prevention of malignant neoplasms.
Resulting skills	Specialized competence. To conduct diagnostics and provide primary and specialized medical care for surgical diseases and injuries, urological diseases, and the most common malignant neoplasms.
Learning outcomes	A student must: **know:** organization of specialized medical care for patients with oncological diseases in the Republic of Belarus; methods of diagnosing oncological diseases; methods of treatment in oncology; private sections of oncology; rules of medical ethics and deontology; **be able to:** collect general somatic and oncological anamnesis, conduct a general examination and assess the patient's condition; interpret the results of clinical and biochemical laboratory examination, including tumor markers; determine the presence of free fluid in the cavities and detect distant metastases using physical examination methods; recognize the presence of neoplasms of visual localization; determine risk groups during preventive examinations; determine the clinical group and in accordance with it the treatment tactics; solve deontological and ethical problems related to communicating the diagnosis and the plan of the upcoming treatment to the patient and relatives; provide emergency medical care to a patient with cancer in emergency conditions; fill out medical records on oncology; to carry out sanitary and hygienic education of the population, to promote a healthy lifestyle and knowledge of the

	main symptoms of oncological diseases; **master:** the method of physical examination of the patient; the technique of conducting a parallel examination if a malignant neoplasm is suspected; the technique of palpation of peripheral lymph nodes, mammary glands, the technique of palpation of the thyroid gland; the technique of performing a puncture biopsy, smear-impressions of neoplasms; the method of sputum sampling for testing for atypical cells; rules for performing a hemocult test.
Semester(s)	9,10 semesters 11/12 semester - the sub-residency profile is "General Medical Practice".
Prerequisite	Pathological Physiology Pathological Anatomy Microbiology, Virology, Immunology Radiation and Environmental Medicine Radiological Diagnostics and Radiation Therapy Pharmacology Public Health and Healthcare General Surgery Topographic Anatomy and Operative Surgery Internal Diseases Outpatient Therapy Surgical Diseases Obstetrics and Gynecology Phthisiopulmonology Infectious Diseases Otorhinolaryngology Ophthalmology Dermatovenereology Neurology and Neurosurgery
Credit value	4 credits
Academic hours	154 academic hours, of which: 100 class hours The sub-residency profile is "General Medical Practice": 54 academic hours, of which 35 class hours
Forms of midterm attestation	Credit Examination