Speciality "General Medicine"

ACADEMIC DISCIPLINE
"CLINICAL IMMUNOLOGY, ALLERGOLOGY"
OF THE MODULE «INTERNAL DISEASES»

Academic discipline outline	Assessment of the immune status of the human body. Identification of disorders in the immune system. Immunopathogenesis of diseases of the immune system and other body systems. Establishment of immunological and allergological diagnoses. Treatment and prevention of immunopathology.
Resulting skills	Specialized competence. To provide primary and specialized medical care for diseases of internal organs, including emergency and life-threatening conditions and occupational diseases; to conduct medical and social expertise for diseases of internal organs, including those related to occupational diseases; to be proficient in methods for interpreting tests for the diagnosis of autoimmune and allergic diseases, as well as the results of laboratory and immunological monitoring during pathogenetic therapy.
Learning outcomes	A student must: **know:** etiology, classification, pathogenesis, clinical picture, diagnosis and differential diagnosis, methods of prevention and treatment of the most frequent primary and secondary immunological disorders; etiology, classification, pathogenesis, clinical picture, diagnosis and differential diagnosis, methods of prevention and treatment of the most frequent allergic diseases; structure of central and peripheral organs of immunity; principles of functioning of specific systems of protection of the somatic individuality of the organism; mechanisms of development of various forms of immunological aberrations (immunodeficiency, allergy, autoimmune diseases); possibilities and limitations of main methods of immunodiagnostics; normal indicators of tests used for diagnosis of main autoimmune and allergic diseases; **be able to:** examine a patient (interview, examination, percussion, palpation, auscultation);

	determine indications for conducting immunodiagnostics and carry out clinical interpretation of obtained results; conduct differential diagnosis of diseases based on data obtained from clinical immunology and allergology, use consultations of specialists when establishing a final clinical diagnosis; **master:** methods of immunological examination of a patient; techniques of interpreting results of immunological and allergological examination of a patient with immunopathology; technique of interpreting results of laboratory and immunological monitoring of therapy effectiveness.
Semester(s)	10 semester
Prerequisite	Latin language. Medical biology and general genetics. Medical and biological physics. Medical chemistry. Bioorganic chemistry. Biological chemistry. Human anatomy. Pathological anatomy. Normal physiology. Pathological physiology. Histology, cytology, embryology. Microbiology, virology, immunology. General hygiene. Pharmacology. Propaedeutics of internal diseases. Radiological diagnostics and radiation therapy. Dermatovenereology. Neurology and neurosurgery. Pediatrics. Internal diseases. Outpatient therapy. Infectious diseases.
Credit value	2 credits
Academic hours	60 academic hours, of which: 40 class hours
Forms of midterm attestation	Test