Speciality "General Medicine"

ACADEMIC DISCIPLINE "TROPICAL INFECTIONS"

Academic discipline outline	Etiology, epidemiology, pathogenesis, clinical manifestations, methods of diagnosis, treatment and prevention of infectious diseases common in the tropical and subtropical zones
Resulting skills	Specialized competence: to apply additional methods of diagnosis and medical care for infectious diseases and tropical infections as part of an in-depth study of the academic discipline.
Learning outcomes	A student must **know:** general regional characteristics and conditions (epidemiological and ethnic) that contribute to the spread of tropical infectious diseases; the components of the epidemic process in tropical infectious diseases; the etiology, pathogenesis, clinical presentation, course, possible complications, and outcomes of the most common infectious tropical diseases; the course of the most common ubiquitous infections in tropical countries; diagnostic methods for infectious tropical diseases using a syndromic approach and taking into account epidemiological and clinical laboratory data; principles of treatment for tropical infectious diseases; principles and methods of prevention of tropical infectious diseases; modern methods of providing emergency medical care to patients with severe and/or complicated tropical and ubiquitous infectious diseases; organization of emergency anti-epidemic measures for tropical infectious diseases; **be able to:** examine a patient with an infectious pathology (inspection, percussion, palpation, auscultation); determine the leading syndrome and establish a diagnosis of the most common and socially significant tropical diseases; conduct differential diagnostics of tropical diseases from non-communicable diseases based on the leading syndrome; determine and prescribe the laboratory and instrumental tests necessary for establishing a diagnosis; formulate a detailed clinical diagnosis of the disease in accordance with the international classification of diseases;

	evaluate and interpret the results of a patient's examination (clinical, biochemical, bacteriological, serological tests, radiographic examination, etc.); select the optimal treatment strategy for a specific patient, prescribe individualized etiotropic therapy taking into account the spectrum of activity, natural and regional sensitivity of drugs; prescribe pathogenetic therapy appropriate to the patient's condition; identify and treat emergency conditions that complicate tropical and ubiquitous infectious diseases; monitor patients with tropical infectious diseases during the convalescent stage and during the chronic course of the disease; organize anti-epidemic and preventive measures in the infectious disease outbreak, taking into account regional specifics **master:** methods for assessing the severity of a patient's condition with an infectious disease; methods for determining the nature of a rash; methods for calculating the volume of fluid required for rehydration; methods for collecting pathological material from patients with infectious diseases.
Semester(s)	11/12 semesters
Prerequisite	Histology, cytology, embryology Otolaryngology Infectious diseases Hygiene Biological chemistry Microbiology, Virology, Immunology Pathological physiology. Pharmacology Internal Medicine Surgical Diseases Epidemiology
Credit value	5 credits
Academic hours	150 academic hours, of which: 100 class hours
Forms of midterm attestation	Credit