

THEMATIC SCHEDULE PRACTICAL LESSONS
for sixth year students of medical faculty 2023-2024
individual profile course of choice: Surgery

No s/p	Theme	H
1.	<p>Actual issues of diagnosis and treatment of infectious diseases with a predominance of the fecal-oral transmission mechanism. Epidemiological, pathogenetic, and clinical features of intestinal infectious diseases. Typhoid fever, paratyphoid fever A and B. Detection of infectious diseases among fevers of unknown origin. Diarrhea syndrome: etiology, pathogenesis, classification depending on the type of interaction between micro-and macroorganisms, clinical features, laboratory diagnostics. Food poisoning of microbial origin. Concepts of enterotoxigenic and enteroinvasive diarrhea (salmonellosis, food toxic infections escherichiasis, yersiniosis, cholera). Differential diagnosis of acute infectious and non-communicable diarrhea (poisoning with mushrooms, salts of heavy metals, exacerbation of chronic diseases of the digestive system, acute gynecological and surgical diseases). Features of the clinic and diagnosis of food intoxications of microbial origin. Staphylococcus intoxication, botulism. Colitis. Intestinal infectious diseases with predominant lesions of the colon: shigellosis, amoebiasis. Features of clinical course, diagnosis and differential diagnosis of topical helminthiasis (ascariasis, enterobiasis, strongyloidiasis, trichinellosis, toxocariasis, opisthorchiasis, fasciolosis, teniarinychosis, taeniasis). Viral hepatitis with enteral transmission (hepatitis A and E). Features of hepatitis E in non-endemic areas. Treatment and prevention of intestinal infectious diseases.</p>	6
2.	<p>Topical issues of diagnosis and treatment of infectious diseases with the airborne transmission. Epidemiological, pathogenetic and clinical features of infectious diseases with airborne droplet transmission. Differential diagnosis of SARS (influenza, parainfluenza, rhinovirus, adenovirus, respiratory-syncytial disease). Features of seasonal and pandemic influenza in pregnant women and against the background of concomitant pathology (diabetes mellitus, obesity). Differential diagnosis of lesions of the oral and nasopharynx, salivary glands (diphtheria, streptococcal pharyngitis/sore throat, fusospirochetosis, epidemic mumps). reference diagnostics of tonsillitis of various etiology. Treatment and prevention of infectious diseases with airborne droplet transmission. Immunoprophylaxis of seasonal and pandemic influenza, diphtheria. Clinical features of pediatric infectious diseases in adults. COVID-19.</p>	6
3.	<p>Topical issues of diagnosis and treatment of neuroinfections. Meningeal syndrome in the clinic of infectious diseases. Differential diagnosis of serous and purulent meningitis. Topical issues of clinical and specific laboratory diagnosis of neuroinfection, assessment of informative methods. Differential diagnosis of meningitis (primary, secondary, viral, bacterial) and encephalitis of various etiology. Cytological diagnosis of meningitis. Features of the clinical course of neuroinfections against the background of immunodeficiency states. Polio: clinical forms, residual phenomena, diagnosis, treatment, prevention.</p>	6
4.	<p>Topical issues of diagnosis and treatment of infectious diseases with a predominance of transmission pathway. General characteristics of infectious diseases with a transmission mechanism of transmission. Differential diagnosis, specific laboratory diagnosis of malaria, leishmaniasis. Transmission diseases transmitted through tick bites: tick-borne encephalitis, Lyme borreliosis. Rickettsiosis (epidemic rash fever and Brill's disease. Ku-fever). Hemorrhagic fever (Omsk, Crimean, HFSS). Ebola fever, Lassa fever. Yellow fever. Clinical features, differential diagnosis of plague. Infectious diseases regulated by international medical and sanitary rules 2005. Treatment and prevention of infectious diseases with the transmission.</p>	6

5.	Topical issues of diagnosis and treatment of infectious diseases with a predominance of the wound pathway of transmission. Viral hepatitis B, C, and D. Early detection of viral hepatitis, role and use of diagnostic methods, assessment of their informativeness. toxic hepatitis, alcoholic liver disease, nonalcoholic steatohepatitischolestaticic jaundice, hepatitis jaundice, hepatosis of pregnant women). Differential diagnosis of infectious diseases accompanied by jaundice (leptospirosis, tropical malaria, sepsis, yersiniosis, infectious mononucleosis, parasitic liver damage). Social aspects of the spread of chronic viral hepatitis. Differential diagnosis, specific diagnosis of chronic viral hepatitis. Indications and contraindications, the algorithm of antiviral therapy. spread of HIV infection. Features of diagnosis and clinics. Classification of clinical stages, diagnostic criteria. Clinical and specific diagnosis of HIV infection. Deontological aspects of HIV infection, educational work. Principles and approaches to the treatment of patients with HIV infection. General characteristics of groups of medicines used in the treatment of HIV infection. Leading HIV-indicator infections, including mycobacterial, are the main features of their treatment. Prevention of HIV infection, prevention of mother-to-child transmission, and social and psychological support for people living with HIV. Universal safety measures and organization of the doctor's work in order to prevent infection with HIV infection of health workers. Emergency measures in case of contamination with contagious material in the workplace. Erysipelas (diagnosis, clinical forms, treatment, and prevention). Rabies, tetanus (diagnosis, differential diagnosis, emergency prevention, treatment. Immunoprophylaxis).	6
	Total	30

Thematic plan of independent work of students

№	Theme	Number of hours	Type of control
1.	Preparation for practical classes , theoretical training and processing of practical skills.	12	Current control over practical classes
2.	Self-study of topics that are not included in the plan of classroom classes: Paratyphoid A and B. Listeriosis. Reovirus disease Norfolk viral infection. Helminthiasis. Rhinovirus. Corona-viral, Boca viral Metapneumovirus infection. Diseases caused by herpes viruses of 6-8 types. Other viral hepatitis (TTV, SEN, G). Liambliosis. Natural smallpox. mycoplasmosis, ornithosis, legionellosis. Differential diagnosis of tonsillitis. FUO. Sepsis. Brucellosis. Hemorrhagic fevers. Erysipeloid. Cat scratch disease. Sodoku, streptobacillosis. Complications after prescription of drugs. Bioterrorism.	18	Current control over practical classes and final class
	Total	30	

Confirmed
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