



### CALENDAR-THEMATIC PLAN OF PRACTICAL CLASSES

from infectious diseases

for students of the 6 year 2 group of the international faculty, specialty 222 "Medicine"  
for the 2025-2026 academic year

| No s/p | Date  | The subject of the lesson  | Lesson content  | Volume per hour    |
|--------|-------|--|---|--------------------|
| 1      | 07.04 | General characteristics of zoonotic infections   | The place of zoonotic infections in the structure of infectious pathology. Epidemiological, pathogenetic and clinical features of zoonoses. The procedure for examination, hospitalization, and discharge of patients from an infectious hospital. Peculiarities of maintaining medical documentation.  | 2 practice session |
| 2      | 07.04 | Plague. Anthrax  | Etiology, epidemiology, classification, pathogenesis, clinical course, diagnosis, differential diagnosis, complications, prognosis. Principles of treatment. Procedure for hospitalization, rules for discharge of patients from the hospital. Preventive measures. Principles of prevention  | 2 practice session |
| 3      | 07.04 | Brucellosis. Tularemia   | Etiology, epidemiology, classification, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, prognosis, treatment, treatment tactics in case of emergency conditions. Procedure for hospitalization, rules for discharge of patients from the hospital. Preventive measures                                      | 2 practice session |
| 4      | 08.04 | Rabies   | Rabies. Epidemiology, classification, pathogenesis, clinical course, diagnosis, differential diagnosis, prognosis. Principles of treatment, medical assistance to patients at the pre-hospital stage, treatment tactics.  | 2 practice session |
| 5      | 08.04 | Especially dangerous diseases. The concept of biosafety. Hemorrhagic fevers: Ebola, Lassa, Marburg | Marburg, Ebola, Lassa fever: etiology, epidemiology, classification, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, prognosis. Principles of treatment and prevention. Treatment tactics in case of emergency conditions. Procedure for hospitalization, rules for discharge of patients from the hospital | 2 practice session |
| 6      | 08.04 | Natural and monkey pox   | Natural and monkey pox. Historical data. Topicality. Etiology, epidemiology, classification, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, prognosis. Principles of treatment and prevention. Victory over smallpox as an example of effective and successfully organized immunoprophylaxis.              | 2 practice session |
| 7      | 09.04 | Differential diagnosis of diseases with diarrheal syndrome   | Acute infectious diseases with diarrhea syndrome: salmonellosis, shigellosis, food poisoning, botulism. Examination of the patient at the pre-hospital stage. Indications for sending the patient to the hospital. Primary anti-epidemic measures in the center of infection  | 2 practice session |
| 8      | 09.04 | Differential diagnosis of diseases with diarrheal syndrome   | Acute infectious diseases with diarrhea syndrome: escherichia, campylobacteriosis, cholera, yersiniosis, viral diarrhea, parasitic lesions of the intestines. Examination of the patient at the pre-hospital stage. Indications for sending the patient to the hospital. Primary anti-epidemic measures in the center of infection                      | 2 practice session |
| 9      | 09.04 | Differential   | Epidemiological and clinical features of influenza and  | 2                  |

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|    |       | diagnosis of diseases with respiratory syndrome            | SARS. Methods of express diagnosis, treatment and prevention. Acute respiratory failure. Causes, clinical signs, emergency care   | practice session   |
| 10 | 10.04 | Differential diagnosis of diseases with jaundice syndrome  | Clinical and pathophysiological characteristics of jaundice: suprahepatic, hepatic, subhepatic. Clinical and laboratory syndromes: cytotoxicity, cholestasis, mesenchymal-inflammatory. Infectious diseases, the course of which is accompanied by jaundice syndrome: viral hepatitis A, B, C, D, E.<br>Laboratory diagnosis of jaundice. Methods of express diagnostics. Biochemical research. Markers of viral hepatitis. Indications for sending the patient to the hospital. Primary anti-epidemic measures. Acute hepatic encephalopathy. Causes, clinic, diagnosis, emergency care  | 2 practice session |
| 11 | 10.04 | Differential diagnosis of diseases with jaundice syndrome  | Clinical and pathophysiological characteristics of jaundice: suprahepatic, hepatic, subhepatic. Clinical and laboratory syndromes: cytotoxicity, cholestasis, mesenchymal-inflammatory. Infectious diseases, the course of which is accompanied by jaundice syndrome: leptospirosis, infectious mononucleosis, yersiniosis, parasitic liver diseases, malaria.<br>Laboratory diagnosis of jaundice. Methods of express diagnostics. Biochemical research. Indications for sending the patient to the hospital. Primary anti-epidemic measures.  | 2 practice session |
| 12 | 10.04 | Differential diagnosis of angina                           | Angina syndrome in infectious diseases. Characteristics of different types of angina. Clinic, laboratory diagnostics, treatment.  | 2 practice session |
| 13 | 13.04 | Differential diagnosis of diseases with meningeal syndrome | Meningeal syndrome in infectious diseases (meningococcal meningitis, viral serous meningitis, leptospirosis, yersiniosis, etc.) and non-infectious diseases (subarachnoid hemorrhage, traumatic brain injury). Medical assistance. Emergency aid.   | 2 practice session |
| 14 | 13.04 | Differential diagnosis of diseases with meningeal syndrome | Primary and secondary meningitis. Serous and purulent meningitis. Features of clinical manifestations. Methods of laboratory diagnostics. Complication. Treatment and prevention. Edema-swelling syndrome of the brain. Causes, clinical signs, emergency care.   | 2 practice session |
| 15 | 13.04 | Differential diagnosis of exanthema                        | Characteristics of exanthema (spot, roseola, erythema, hemorrhage, papule, tubercle, nodule, blister, bubble, vesicle, pustule), morphology, time of appearance and dynamics. Acute infectious diseases with manifestations of exanthema: typhoid fever and typhoid fever, paratyphoid fever, meningococemia, hemorrhagic fevers, dysentery. Clinical-epidemiological and laboratory diagnostics. Differential diagnosis of infectious and non-infectious exanthems (skin diseases, medicinal disease, skin manifestations in collagenoses, hemorrhagic diatheses).<br>"Children's" droplet infections in adults. Vaccination schedule. Clinical course of measles, rubella, chicken pox, epidemic parotitis in adults. Rubella in pregnant women. Peculiarities of complications of "children's" droplet infections. Organization of treatment of adults at home (pathogenetic and symptomatic therapy, the need to prescribe antibiotics) | 2 practice session |
| 16 | 14.04 | Lyme borreliosis. Erysipelas                               | Lyme borreliosis Actuality. Etiology, epidemiology, pathogenesis, clinical manifestations, laboratory diagnosis, differential diagnosis, complications, prognosis. Principles of treatment and prevention.<br>Erysipelas. Etiology, epidemiology, classification, pathogenesis, clinical course, diagnosis, differential diagnosis, complications, prognosis. Principles of treatment. Procedure for hospitalization, rules for discharge of patients from the hospital. Preventive measures  | 2 practice session |

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| 17                       | 14.04 | Differential diagnosis of lymphadenopathy                        | Lymphadenopathy syndrome in infectious diseases. Clinical manifestations, differential diagnosis and treatment.  | 2 practice session |
| 18                       | 14.04 | HIV infection/AIDS   | (AIDS, plague, tularemia, brucellosis, toxoplasmosis, rubella, infectious mononucleosis and others). HIV infection/AIDS. Historical data. Etiology. Epidemiology. Classification. Normative documents of the Ministry of Health of Ukraine, which regulate the procedure for voluntary testing, hospitalization, treatment of patients, preventive measures, as well as legal aspects regarding HIV infection.<br>AIDS-associated infections. Clinical and epidemiological data for suspected HIV infection Diagnosis at different stages of HIV infection: clinical, epidemiological, laboratory data. Treatment. Principles of prescribing HAART. Prevention | 2 practice session |
| 19                       | 15.04 | Differential diagnosis of diseases with prolonged fever syndrome | The main clinical manifestations of infectious diseases with prolonged fever (typhoid, paratyphoid, typhus and other rickettsioses, brucellosis, hemorrhagic fevers, leptospirosis, yersiniosis, sepsis and others). Principles of differential diagnosis, laboratory diagnosis. Differential diagnosis with tuberculosis and non-infectious diseases with prolonged fever   | 2 practice session |
| 20                       | 15.04 | Malaria  | The causative agents of human malaria. The development cycle of parasites. Features of immunity. Pathogenesis of disease attack, anemia, malarial coma, hemoglobinuria. Pathogenesis of early and late relapses. Features of the clinical course of different forms of malaria.<br>Complications of malaria: cerebral malaria, acute hemolysis, hemoglobinuria fever, renal failure.<br>Treatment and prevention of malaria. The main antimalarial chemopreparations, their mechanism of action. Treatment of malarial coma and other complications. Therapy of malaria caused by chemoresistant forms of pathogens. Prevention.                               | 2 practice session |
| Preparation for the exam |       |  |  |                    |
|                          | 17.04 | Exam   |  |                    |
| In total                 |       |  |  | 40 hours           |

Equipment: Tables. Thematic patients

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