

**Thematic plan  
of practical classes  
from Pediatric infectious diseases  
profile course of your choice "Surgery"  
for 6th year foreign students of the medical faculty  
specialty "General Medicine"  
2021-2022 y.s.**

№	Theme	Hours
1.	<p><b>Differential diagnosis of respiratory diseases of viral and bacterial etiology in children (influenza; parainfluenza; adenoviral, respiratory syncytial (MS), rhinovirus infections; COVID-19, pertussis; diphtheria; infectious mononucleosis, etc.).</b> Etiological, epidemiological, pathogenetic features, leading clinical symptoms and complications of the above infections in children. Emergency conditions that may occur in these diseases (hyperthermic syndrome, croup syndrome (laryngotracheitis), toxic shock syndrome (TSS) in diphtheria, apnea in whooping cough, etc.), providing medical care for them. Tactics of management of patients with respiratory diseases of viral and bacterial etiology, their prevention and immunoprophylaxis.</p>	6
2.	<p><b>Differential diagnosis of infections with exanthema syndrome.</b> Etiological, epidemiological, pathogenetic features, leading clinical symptoms, variants of course and complications of infections with exanthema syndrome (measles, rubella, chicken pox, scarlet fever, pseudotuberculosis). Differential diagnosis of exanthema syndrome in various infectious and non-infectious diseases. Acute abdomen syndrome in patients with measles. Severe atypical forms of chickenpox, bacterial skin lesions. Patients management, organization of anti-epidemic measures in the center of infection in diseases with exanthema syndrome. Immunoprophylaxis</p>	6
3.	<p><b>Differential diagnosis of CNS's infection in children.</b> Etiological, epidemiological, pathogenetic features, leading clinical symptoms and variants of meningococcal infection. Differential diagnosis of meningococemia with diseases accompanied by hemorrhagic rash (hemorrhagic vasculitis, thrombocytopenic purpura, etc.). Aseptic meningitis in children. Differential diagnosis of aseptic and purulent meningitis (primary, secondary, viral, bacterial) among themselves and with other conditions. Meningeal syndrome in the course of infectious diseases. Clinical and laboratory diagnosis of neuroinfections. Diagnosis of cerebrospinal fluid. Encephalitis in children, classification, clinical features, diagnosis, treatment. Enterovirus and mumps infections, polio: clinical forms, diagnosis, complications and residual effects, treatment, prevention. Emergency states (conditions) in neuroinfections: toxic shock syndrome (TSS), disseminated intravascular coagulation (DIC) syndrome in meningococcal infection, edema of the brain, cerebral coma, convulsive syndrome. Patients management and emergency care in these conditions.</p>	6
4.	<p>Differential diagnosis of gastrointestinal tract (GIT) infections in children. Etiological, epidemiological, pathogenetic features, leading clinical symptoms and syndromes of GIT infections: local (gastritis, enteritis, colitis) and general.</p>	6

	<p>Clinical variants of shigellosis, salmonellosis, Escherichia coli, intestinal yersiniosis, viral diarrhea in children of different ages. Differential diagnosis of GTI infections among themselves and with diseases of the gastrointestinal tract of non-infectious origin, surgical pathology. Tactics of management of children with GIT infections (diagnosis, indications for hospitalization, treatment). Anti-epidemic measures in the center of infection. Emergencies in GIT in children (toxicosis, exsiccosis, hypovolemic shock, neurotoxicosis, TSS, HUS). Diagnosis and treatment. Data of laboratory and instrumental investigation.</p>	
5.	<p><b>Differential diagnosis and emergencies in viral hepatitis (VH) in children.</b>  Etiological, epidemiological, pathogenetic features, leading clinical symptoms, laboratory data depending on the pathogen of VH. Differential diagnosis of typical and atypical forms of VH in children. Patients management in viral hepatitis. Diagnostic markers of hepatitis. Anti-epidemic measures in the center of infection.  Acute liver failure in VH in children, clinical symptoms, assessment of severity and prognosis of VH, taking into account laboratory tests. Tactics of management of the patient with VH with liver failure. Providing emergency care.  Emergency immunoprophylaxis of VH before elective surgery.  Differential diagnosis of VH with other parenchymal jaundice (drug, toxic and autoimmune hepatitis, Gilbert's disease, tropical malaria, sepsis, yersiniosis, infectious mononucleosis, etc.).  HIV infection in children. Prevention of HIV infection, prevention of mother-to-child transmission, diagnosis, treatment of HIV-infected children.</p>	6
		Total: 30

Head of the Unit

Associate professor  
Lytvyn Halyna