

Approved at the methodological meeting of the Department of Pediatrics No. 1

Protocole No. 1 from 29.08.2025

Calendar and thematic plan of practical classes in pediatrics

for 3rd year students of the Faculty of Medicine No. 1

for the 2025-2026 academic year

№	Topic	Hrs
1	Periods of childhood, characteristics of each. Neonatal period, distribution of newborns by gestational age, signs of morphological and functional maturity / immaturity, borderline states (transient). Apgar scale. Primary toilet of the newborn	2,5
2	Physical development (PD) of children, characteristics of growth and development processes, patterns of increase in the main anthropometric indicators and their assessment. Semiotics of PD disorders	2,5
3	Anatomical and physiological features of the nervous system. Neuropsychic development of children at different ages. Methods and frequency of assessment	2,5
4	Methods of clinical neurological examination of children. Semiotics of the main diseases of the nervous system in children. Features of cerebrospinal fluid in children and semiotics of its changes in pathology	2,5
5	Anatomical and physiological features, clinical methods of examination and semiotics of skin diseases and its derivatives, subcutaneous fat tissue. Methods of examining lymph nodes in children	2,5
6	Anatomical and physiological features, methods of examination of the musculoskeletal system in children. Semiotics of diseases of the musculoskeletal system in children	2,5
7	Anatomical and physiological features of the respiratory system, methods of clinical examination of the respiratory system in children	2,5
8	Semiotics of respiratory syndromes and major respiratory diseases. Laboratory and instrumental methods of examination of the respiratory system	2,5
9	Anatomical and physiological features of the cardiovascular system in children. Methods of physical examination of the cardiovascular system in children	2,5
10	Additional methods of cardiovascular system diagnostics. Semiotics of the main syndromes and diseases of the cardiovascular system in children	2,5
11	Anatomical and physiological features, methods of clinical examination of the digestive system in children	2,5
12	The main symptoms and syndromes of the digestive system affections in children. Laboratory and instrumental examination methods. Semiotics of major diseases	2,5
13	Anatomical and physiological features, methods of examining the organs of the urinary system in children. Laboratory and instrumental examination methods. Semiotics of urinary system syndromes	2,5
14	Features of the blood system in children of different age groups. Methods of clinical and laboratory examination of children with blood system disorders. Clinical and hematological semiotics of main syndromes and diseases of the blood system in children	
15	Anatomical and physiological features, general semiotics of diseases of the immune system in children	2,5
16	Anatomical and physiological features, examination methods, semiotics of diseases of the endocrine system in children	2,5
17	Curation of the patient for student's case report composition	2,5
18	Natural feeding of infants. Quantitative and qualitative composition of mother's milk. Methods for calculating the daily volume of food and diet. Weaning (complementary foods) and nutritional correction. Daily need of the child for food ingredients and energy	2,5
19	Artificial and mixed feeding of infants. Classification and characteristics of milk formulas for artificial and mixed feeding. Technique of artificial and mixed feeding,	2,5

	criteria for assessing their effectiveness. Complementary foods and nutritional correction with artificial and mixed feeding	
20	Principles and organization of rational nutrition for children older than one year	2,5
	Topics for self-study	
	<i>The subject and place of pediatrics, the main stages of development</i>	
	<i>The system of organization of children's health care in Ukraine</i>	
	<i>Feeding of premature babies</i>	
	<i>Features of energy, protein, carbohydrate, water-mineral, lipid metabolism in childhood. Semiotics of metabolic disorders in children.</i>	

The Head of the Department of the Pediatrics №1
Prof. Berezenko V.S.