

**THEMATIC PLAN OF PRACTICAL CLASSES ON “PROPAEDEUTIC PEDIATRICS” FOR STUDENTS OF III YEAR STUDYING ON MEDICAL FACULTY II (2019/2020 YEARS OF STUDY)**

№	TOPIC
<b>Module I: The development and feeding of a child</b>	
1	Periods of childhood, their characteristics. Peculiarities and methodic of collecting the anamnesis in children. Clinical inspection methodic in children
2	A newly born child. Physiological and transitory (borderline) states in neonatal period. “Newborn maturity” conception. Immaturity signs
3	Physical development conception and importance of its evaluation. Anthropometry and main regularities of anthropometric indexes increase
4	Methods of physical development evaluation in children. Disorders of physical development. Physical education
5	Neural-and-behavioral development in children. NBD lines. Higher nervous activity types
6	Neural-and-behavioral development evaluation. Semiotics of its disorders
7	Summarizing module control.
8	Natural feeding of infants. Breast feeding advantages. Maternal milk qualitative and quantitative composition. Prophylaxis of mastitis and hypogalactia. Feeding woman regimen and alimentation rules
9	Methods of feeding daily quantity calculation. Weaning introduction and correction of feeding. Child’s daily need in feeding ingredients and energy
10	Artificial feeding of infants. Classification and characteristics of milk formulas. Artificial feeding technique and criteria of its effectiveness evaluation. Child’s daily need in proteins, fats, carbohydrates and calories.
11	Mixed feeding of infants. Mixed feeding technique and criteria of its effectiveness evaluation. Child’s daily need in proteins, fats, carbohydrates and calories. Feeding of immature infants. Feeding of children elder than 1 year.
12	Summarizing control class.
13	Anatomic and physiologic peculiarities of nervous system in children. Methodic of clinical neurological investigation
14	Semiotics of NS main disorders. Cerebrospinal fluid peculiarities in childhood and its changes in different pathologies (purulent and serous meningitis, hydrocephaly).
15	Morphological and functional peculiarities of skin and its derivatives in children. Skin and subcutaneous fat tissue inspection methodic. Semiotics of skin and SCF damages.
<b>Module II: Anatomic and physiologic peculiarities, investigation methodic and semiotics of main disorders of organs and systems in children</b>	
1.	Anatomic and physiological features, methods of examination of the musculoskeletal system in children. Semiotics of musculoskeletal disorders in children
2.	Anatomic and physiological features, methods of examination of respiratory organs in children.
3.	Percussion of the lungs in children. Semiotics of lesions (cough, shortness of breath, etc.) of major respiratory diseases in children. Auscultation of the lungs in children. Semiotics of respiratory diseases. Respiratory disorders and respiratory failure syndromes, the main clinical manifestations.
4.	Anatomical and physiological features, technique of examination of cardiovascular system in children. Heart percussion in children. Auscultation of the heart in children. The main signs of damage to the cardiovascular system in children (cyanosis, bradycardia, tachycardia, etc.).

5.	Semiotics of diseases of the cardiovascular system (endocarditis, myocarditis, pericarditis, differential diagnosis of congenital and acquired heart defects). Electrocardiography, echocardiography.
6.	Features of the blood system in children of different age groups. Methods of clinical and laboratory examination of children with lesions of the blood system. Clinical-hematological semiotics of major syndromes (anemic, hemolytic, hemorrhagic, etc.) and diseases of the blood system in children.
7.	Anatomic and physiological features, methods of examination of the digestive system in children. Semiotics of lesions of digestive organs in children. Abdominal syndrome. Semiotics of digestive tract lesions. Pylorospasm, pylorostenosis. Violation of defecation in children
8.	Anatomical and physiological features, methods of examination of organs of the excretory system in children. Semiotics of microscopic changes of urinary sediment (protein-, erythrocyte-, leukocyte- and cylinders, etc.). Syndrome of acute and chronic renal failure. Children's curation.
9.	Anatomical and physiological features, examination technique, semiotics of endocrine system diseases in children. Defense of the child's case history.
10.	Control class

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