

Curriculum was proved by meeting
of the Department of Propaedeutic Pediatrics and Medical Genetics
on _____ (Minutes No _)

PROPAEDEUTIC PEDIATRICS
Medical Faculty, 3rd Year of Study / 6th Semester 2023-2024
Lecture Curriculum

(duration of semester: 02.01.24 – 20.05.24, number of lecture hours: 8)

No	Topic	Date / class / groups	Lecturer
<i>Part 7. Cardiovascular System of Children</i>			
1.	Prenatal development of cardiovascular system. Congenital heart conditions. Peculiarities of fetal circulation. Anatomical and physiological peculiarities of cardiovascular system of children. Clinical manifestation of cardiovascular system diseases in children. Semiotics of congenital and acquired heart conditions of children. Basic principles of cardiopulmonary resuscitation in pediatric practice	05.01, III class: 1– 7	As. Prof. Sadova O.
<i>Part 8. Digestive System of Children</i>			
2.	Anatomical and physiological peculiarities of digestive system of children. Semiotics of gastrointestinal diseases. Main syndromes of of gastrointestinal diseases in pediatric patients. Acute abdominal pain. Syndromes of hepatic and gall blader diseases, bile ducts disorders, diseases of pancreas	19.01, III class: 1– 7	As. Prof. Kulachkovska I.
<i>Part 9. Urinary System of Children</i>			
3.	Embryogenesis and congenital malformations of urinary system Anatomical and physiological peculiarities of urinary system of children. Semiotics of main renal and bladder diseases. Syndromes of main urinary system diseases	02.02, III class: 1– 7	As. Prof. Kulachkovska I.
<i>Part 14. Breast Feeding of Infants</i> <i>Part 15. Artificial and Mixed Feeding of Infants</i> <i>Part 16. Nourishment of Children Over 1 Year</i>			
4.	Feeding of infants. Advantages of breast-feeding. Rules of introducing of complementary foods into the diet. Reasons for artificial and mixed feeding of infants. Classification and characteristics of formulas for artificial feeding of infants. Principles of rational nourishment of children over 1 yr of age. Dietary variables according to age.	16.02, III class: 1– 7	As. Prof. Sadova O.

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PROPAEDEUTIC PEDIATRICS
Medical Faculty, 3rd Year of Study / 6th Semester 2023-2024
Practice Curriculum

(duration of semester: 02.01.24 – 20.05.24, class duration 2 hr, number of practice hours: 34)

No	Topic	Monday	Tuesday	Wednesday	Friday
		I class: 7 II class: 4	I class: 3 II class: 5	I class: 1	I class: 2 II class: 6
<i>Part 7. Cardiovascular System of Children</i>					
15.	Semiotics of most common cardiovascular diseases in pediatric practice. Basic principles of cardiopulmonary resuscitation in pediatric practice	08.01	02.01	03.01	05.01
16.	Semiotics of congenital and acquired heart conditions. Peculiarities of ECG of the children of different age groups. ECG findings in main cardiovascular diseases of pediatric patients	15.01	09.01	10.01	12.01
<i>Part 8. Digestive System of Children</i>					
17.	Anatomical and physiological peculiarities of digestive system of children. Physical examination of digestive system of children (inspection, palpation, percussion, auscultation).	22.01	16.01	17.01	19.01
18.	Semiotics of digestive system diseases in pediatric practice.	29.01	23.01	24.01	26.01
19.	Main syndromes of digestive system diseases. Lab tests and instrumental investigations used for evaluation of digestive system condition in children	05.02	30.01	31.01	02.02
<i>Part 9. Urinary System of Children</i>					
20.	Anatomical and physiological peculiarities and physical examination of urinary system of children. Main symptoms of urinary system diseases.	12.02	06.02	07.02	09.02
21.	Semiotics of urinary system diseases. Syndromes of most common urinary system diseases in pediatric practice.	19.02	13.02	14.02	16.02
<i>Part 10. Hematopoietic and Immune Systems of Children</i>					
22.	Anatomical and physiological peculiarities of hematopoietic system of children of different age groups. Physical examination of hematopoietic system of children. Diagnostic studies in pediatric hematology. Semiotics of blood diseases in children. Anatomical and physiological peculiarities of immune system of children. Diagnostic studies for evaluation of immunodeficiency in pediatric practice. Semiotics of immune system dysfunction in children	26.02	20.02	21.02	23.02

PROPAEDEUTIC PEDIATRICS
Practice Curriculum (continuation 1)

No	Topic	Monday	Tuesday	Wednesday	Friday
		I class: 7 II class: 4,5	I class: 10,11 II class: 3	I class: 1 II class: 9	I class: 2 II class: 6
<i>Part 11. Endocrine System of Children</i>					
23.	Anatomical and physiological peculiarities and physical examination of endocrine system of children. Semiotics of hypo- and hyperfunction of certain endocrine glands.	04.03	27.02	28.02	01.03
<i>Part 13. Examination of a Child. Getting up Patient's Medical Record</i>					
24.	Getting up patient's medical record	11.03	05.03	06.03	08.03
25.	Analysis and evaluation of the written patient's medical record. Supporting of a medical record	18.03	12.03	13.03	15.03
26.	Control class "Physical examination of a child"	25.03	19.03	20.03	22.03
<i>Part 14. Breast Feeding of Infants</i>					
27.	Breast feeding of infants before introducing complementary foods. Composition of human milk. Methods for calculation of daily food amount for infants.	01.04	26.03	27.03	29.03
28.	Breast feeding of infants after introducing complementary foods. Supplementation and complementary foods, baby's nutrients and calories requirements.	08.04	02.04	03.04	05.04
<i>Part 15. Artificial and Mixed Feeding of Infants</i>					
29.	Artificial feeding of infants. Classification of formulas for artificial feeding of infants. Rules and technique of formula feeding. Criteria of formula feeding efficiency. Mixed feeding of infants. Patterns of mixed feeding of infants. Supplementation and complementary foods in infants artificial and mixed feeding. Formula-fed and mixed-fed baby's nutrients and calories requirements.	15.04	09.04	10.04	12.04
<i>Part 16. Nourishment of Children Over 1 Year</i>					
30.	Principles of rational nourishment of children over 1 yr of age.	22.04	16.04	17.04	19.04
31.	<i>FINAL CONTROL (DIFFERENTIAL CREDIT)</i>	29.04	23.04	24.04	26.04

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PROPAEDEUTIC PEDIATRICS
Medical Faculty, 3rd Year of Study / 6th Semester 2023-2024
Curriculum of Self-works

No	Topic	Hours	Control Date
<i>Part 7. Cardiovascular System of Children</i>			
1.	Functional tests for assessment of the condition of the cardiovascular system of a child	1	During classes 02.01 – 08.01 02.01 – 08.01 09.01 – 15.01 09.01 – 15.01
2.	Emergency conditions in pediatric cardiology	3	
3.	Myocarditis in children of different age	2	
4.	ECG changes in case of conducting disorders, electrolyte disorders, hypertrophy of the heart chambers in children	3	
	TOTALLY	9	
<i>Part 8. Digestive System of Children</i>			
1.	Semiotics of hepatobiliary system disorders in children	2	During classes 23.01 – 29.01 30.01 – 05.02 30.01 – 05.02
2.	Acute abdomen syndrome, gastrointestinal bleeding in children	1	
3.	Laboratory and instrumental studies in pediatric gastroenterology. Obtaining gastric and duodenal contents, feces for diagnostic studies (main rules and technique)	3	
	TOTALLY	6	
<i>Part 9. Urinary System of Children</i>			
1.	Semiotics of acute and chronic renal failure	2	During classes 13.02 – 19.02 13.02 – 19.02
2.	Radiological studies in pediatric nephrology: indications, main principles. Laboratory studies in pediatric nephrology. Obtaining urea for diagnostic studies (main rules and technique)	2	
	TOTALLY	4	
<i>Part 10. Hematopoietic and Immune Systems of Children</i>			
1.	Clinical and hematological characteristic of hemorrhagic syndrome in children.	1	During classes 20.02 – 26.02 20.02 – 26.02
2.	Acquired immunodeficiency in children	2	
	TOTALLY	3	
<i>Part 11. Endocrine System of Children</i>			
1.	Thyroid gland disorders in children	1	During classes 27.02 – 04.03
	TOTALLY	1	
<i>Part 12. Metabolism in Children</i>			
1.	Caloric consumption in childhood	1	Final control 23.04 – 29.04
2.	Peculiarities of proteins metabolism in children	1	
3.	Peculiarities of carbohydrates metabolism in children	1	
4.	Peculiarities of fats metabolism in children	1	
5.	Peculiarities of fluid and electrolytes homeostasis in children, clinical manifestation of its disturbances. Acid-based abnormalities in children.	1	
6.	Role of vitamins for child's growth and development. Vitamins and metabolic processes	1	
	TOTALLY	6	

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Curriculum of Self-works
(continuation)

<i>Part 13. Examination of a Child. Getting up Patient's Medical Record</i>			
1.	Getting up patient's medical record. Preparation to the class "Supporting of a medical record"	6	During classes 05.03 – 18.03 19.03 – 25.03
2.	Practical skills training and preparation to the control class "Physical examination of a child"	4	
	TOTALLY	10	
<i>Part 14. Breast Feeding of Infants</i>			
1.	Technique of breast feeding. Nourishment and life style of lactating woman. Prevention of mastitis and hypogalactia	1	During classes 26.03 – 01.04 26.03 – 01.04
2.	Peculiarities of feeding of preterm neonates. Behaviors for optimal infant feeding: breast feeding on baby's demand	1	
	TOTALLY	2	
<i>Part 15. Artificial and Mixed Feeding of Infants</i>			
1.	Milk formulas for special needs of infants	1	During classes 09.04 – 15.04 09.04 – 15.04
2.	Rules and technique of supplementary and complementary types of mixed feeding	1	
	TOTALLY	2	
<i>Part 16. Nourishment of Children Over 1 Year</i>			
1.	The concept of the elimination diet for children with food allergies	1	During classes 16.04 – 22.04
	TOTALLY	1	
1.	Preparation for the differential credit	4	Final control 23.04 – 29.04
	TOTAL FOR SPRING SEMESTER	48	

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