

ТЕМАТИЧЕСКИЙ ПЛАН
практических занятий по педиатрии
для студентов 4 курса ФИС
на осенний семестр 2023/2024 учебного года

№ п/п	Тема практического занятия
1	Structure of a children`s hospital. Ethics and deontology in pediatrics. Evaluation of physical, psychomotor and sexual development
2	Rickets. Tetany. Hypervitaminosis D. Abnormalities of constitution.
3	Feeding of one-year infants
4	Malabsorptive disorders.
5	Chronic nutrition disorders (protein energetic inefficiency. Obesity)

TOPIC № 1

**STRUCTURE OF A CHILDREN`S HOSPITAL. ETHICS AND DEONTOLOGY
IN PEDIATRICS. EVALUATION OF PHYSICAL, PSYCHOMOTOR AND
SEXUAL DEVELOPMENT**

1. Ethics and deontology in pediatrics.
2. Organization of hospital care for children. Structural units of the children's hospital. The procedure of referral and hospitalization in the children's hospital units.
3. The features of gaining the anamnesis data, examination of children of different ages. Deontological principles in communication with children and their parents.
4. The features of the main indicators of physical development. The methods for the main anthropometric measurements. Evaluation methods.
5. Development of statistics, motor and speech skills in healthy children of different ages. Neuropsychological assessment of children.
6. Evaluation of sexual development of children. Sexual formula.

TOPIC № 2

**RICKETS. TETANY. HYPERVITAMINOSIS D. ABNORMALITIES OF
CONSTITUTION**

1. Rickets. Risk factors, metabolism phosphorus and calcium, vitamin D.
2. Rickets: aetiology, pathogenesis, classification, clinical manifestation, treatment and prophylactic.
3. Hypervitaminosis D: causes, clinics, classification, treatment and prophylactic.
4. Infantile Tetany: clinical manifestation, differentiation and urgent therapy.
5. Abnormalities of constitution: clinical manifestation and treatment.

TOPIC № 3

FEEDING OF ONE-YEAR INFANTS

1. Anatomical and Physiological characteristic features of the digestive system in children of different age. Features of proteolysis, lipolysis and splitting of carbohydrates.
2. Nutrition of infants during their first year of life. Breast, bottle and mixed feeding.
3. The advantages of breastfeeding. The composition of colostrum, transitional and mature milk.
4. Additional feeding: types, terms and reasons for its use.
5. Calculation of food amount, working out of the diet layout for one-year infants.
6. Classification and characterization of babies' formulae.
7. Hypogalactia: causes, classification, prevention and treatment. Nutrition of a feeding mother.
8. Nutrition for children over 1. Characteristics of dietary tables and indications for their prescription.

TOPIC № 4

MALABSORPTIVE DISORDERS

1. Digestion and absorption of proteins, fats and carbohydrates. Diagnostics of malabsorptive disorder.
2. Malabsorptive disorder (disaccharidase deficiencies (congenital: sucrase-isomaltase, lactase; developmental: lactase, acquired), enterokinase deficiency)
3. Celiac disease.

4. Cystic fibrosis.
5. Treatment of malabsorptive disorder.
6. Helminthiasis (nematodes, teniidoze, trematode): clinic features, diagnostics, treatment, prevention.
7. Protozoan infection (giardiasis): clinic features, diagnostics, treatment, prevention.

TOPIC № 5

CHRONIC NUTRITION DISORDERS.

(PROTEIN ENERGETIC INDEFFICIENCY. OBESITY)

1. Definition of normotrophy, hypotrophy, paratropy.
2. Classification of chronic eating disorders in children of early age.
3. Clinical manifestations of hypotrophy depending on the severity stage, diet and medicamentous correction of hypotrophy.
4. Protein energy deficiency. Etiopathogenesis. Classification.
5. Diagnostic criteria for protein energy deficiency (clinical and laboratory).
6. The principles of treatment (diet, drug correction). Prevention. Clinical supervision.
7. Paratropy, obesity, clinical symptoms, stages of diet therapy, rehabilitation and prevention.

TOPIC № 6

ACUTE RESPIRATORY INFECTIONS IN CHILDREN.

BRONCHITIS. ACQUIRE PNEUMONIA

1. Upper respiratory tract infections; indication to the antibacterial therapy; antiviral and symptomatic therapy.
2. Acute laryngotracheitis: aetiology, symptoms, estimation of severity of croup. Treatment. Urgent treatment with acute laryngotracheitis.
3. Aetiology, classification, clinical manifestation, diagnostis and treatment of bronchitis. Urgent treatment with obstructive bronchitis.
4. Acquired pneumonia: aetiology, classification, clinical manifestation, diagnostis and complications.

5. Treatment of acquired pneumonia.
6. Hyperthermic syndrome: causes, symptoms and urgent therapy.
7. Convulsive syndrome: causes, symptoms and differentiation, urgent therapy.

TOPIC № 7

ASTHMA. CHRONIC NONSPECIFIC RESPIRATORY DISEASES

1. Respiratory allergosis: allergic rhinitis; mechanisms of asthma.
2. Factors influencing the development and expression of asthma.
3. Clinical diagnosis, classification of asthma, asthma medications, management of exacerbations of asthma.
4. Prevention of allergic diseases.
5. Chronic nonspecific respiratory diseases: aetiology, pathogenesis, clinical manifestation, differentiations and treatment.