

УТВЕРЖДАЮ
декан факультета иностранных студентов
д.м.н., доцент Е.И. Каширская
« 2 » Сентябрь 2019 г.

**Экзаменационные вопросы по дисциплине: «Педиатрия»
для студентов V курса лечебного факультета
на 2019-2020 учебный год**

I. ПРОПЕДЕВТИКА ДЕТСКИХ БОЛЕЗНЕЙ

1. The History of Russian Pediatrics. The main stages of formation and development of pediatrics in Russia.
2. The main issues of deontology and medical ethics in pediatrics.
3. The structure and principle of work of children's clinics and hospitals.
4. The contents of the child's medical history. Methods of taking of anamneses (anamnesis vitae and anamnesis morbi). Features of the questioning of parents and children. The scheme of the anamnesis vitae and anamnesis morbi.
5. The contents of the child's medical history. Features of objective data recording and additional methods of child's examination.
6. Periods of intrauterine development. Embryonic, early and late fetal periods. Possible pathology during these periods.
7. Perinatal, intranatal and neonatal periods. Their features and importance for further health status.
8. Infancy period. The definition, children's features at this period.
9. Periods of childhood. The characteristics of toddler, preschool, school and adolescence periods.
10. Signs of maturity, prematurity and postmaturity of the baby. The definition of the maturity and the state of newbornness according to the Apgar score.
11. Physical development of children and teenagers. The assessment of physical development.
12. Body weight, length, circumference of the head and breast changes in the healthy child at the first year of life.
13. Body weight, length, circumference of the head and breast changes in children older than 1 year.
14. A semiotics of the physical maldevelopment of the children and teenagers. The definition of the hypotrophy, paratrophy, hypostatura, obesity.
15. Psychomotor development of the child at the first year of life. The transitory reflex newborns and children at the first month of life.
16. Psychomotor development of children of toddler, preschool, school periods.
17. Natural breastfeeding. Advantages of natural breastfeeding of artificial feeding. Principles of natural feeding, nutrition of a nursing woman. Contraindications to breastfeeding.
18. Artificial feeding. Reasons, indications for artificial feeding. Classification of formulae used for feeding.

19. Mixed feeding. Principles of switching to mixed feeding. Methods of maintaining and stimulation of lactation.
20. Characteristics of supplemental feeding. Types and dishes of supplemental feeding. Introduction period of supplemental feeding.
21. Methods of calculating the daily volume of food. Necessity of children at the first year of life in main food ingredients and energy.
22. Hypogalactia. Reasons, classification, treatment and preventive measures of hypogalactia.
23. Anatomic-physiological features of the skin and subcutaneous tissue. Methods of skin examination. Semiotics of skin lesion.
24. Semiotics of skin lesion in case of infectious diseases among children with exanthemas. Semiotics of skin lesion in case of non-infectious diseases among children and in case of improper care.
25. Anatomic-physiological features of lymphatic system of children. Methods of the examination. Semiotics of damages.
26. Anatomic-physiological features of the muscular system of children. Methods of the examination. Semiotics of damages.
27. Anatomic-physiological features of the bone system of children. Methods of the examination. . Determination of "bone" age.
28. Semiotics of basic disorders of bone tissue. Clinical signs of joint damage.
29. Anatomic-physiological features of the respiratory system. The mechanism of the first inspiration.
30. Methods of examination of the respiratory organs of children.
31. Semiotics of frequent disorders of the respiratory organs of children.
32. Blood circulation of the fetus and newborn. Mechanisms and time of closure of embryonic circulation pathways (venous duct, oval opening, ductus arteriosus) after birth.
33. Anatomic-physiological features of the cardiovascular system of children.
34. Methods of examination of the cardiovascular system of children: examination and palpation. Pulse and arterial blood pressure of children of different ages.
35. Methods of examination of the cardiovascular system of children: percussion, auscultation. The limits of relative heart dullness of children of different ages.
36. Semiotics of frequent disorders of the cardiovascular system of children.
37. Anatomic-physiological features of the digestive organs of children of different ages.
38. Methods of examination of the digestive organs of children: examination, palpation, percussion, auscultation.
39. Semiotics of lesion of organs of gastrointestinal tract.
40. Anatomic-physiological features of organs of urine formation and urine excretion of children.
41. Methods of examination of organs of urine formation and urine excretion of children.
42. Semiotics of frequent disorders of organs of urine formation and urine excretion of children.
43. Methods of examination of blood-forming organs. Peripheral blood composition of newborns.

44. Semiotics of blood changes of newborns.
45. Special aspects of peripheral blood of child at the first year of life and next periods of life.

II. ДЕТСКИЕ БОЛЕЗНИ

1. Hypotrophy, etiology, pathogenesis and classification. A clinical picture of the hypotrophy of the I degree. Treatment.
2. Clinical picture of hypotrophy of the II and III degree. Principles of making up a diet and treatment of the hypotrophy.
3. The rickets. The etiology, classification, clinical picture, criteria for the diagnosis of rickets.
4. The rickets. The treatment (depending on the stage of the rickets). Preventive measures.
5. Spasmophilia. The etiology, clinical picture. Emergency care in case of spasmophilic convulsions.
6. The iron deficiency anemia. The etiology, pathogenesis, classification, clinical picture.
7. The iron deficiency anemia. Diagnosis. The treatment (depending to the severity of the disease). Preventive measures.
8. Exudative diathesis. The etiology, pathogenesis, clinical manifestations, physician's tactics.
9. Lymphohypoplastic diathesis. The etiology, pathogenesis, clinical manifestations, physician's tactics.
10. Neuro-arthritic diathesis. The etiology, pathogenesis, , physician's tactics.
11. Bronchial asthma. The etiology, pathogenesis, classification. Clinical manifestation of asthma attack.
12. Bronchial asthma. Diagnosis. The treatment (depending on the severity of the disease and the children's age).
13. Acute diseases of the upper respiratory tracts (rhinitis, laryngitis, tracheitis). The etiology, pathogenesis, classification, clinical syndromes. Treatment.
14. Bronchitis. The etiology, pathogenesis, classification, diagnosis, treatment.
15. Obstructive bronchitis. The etiology, pathogenesis, clinical picture, diagnosis, treatment.
16. Children pneumonia. The etiology, pathogenesis, classification, clinical picture, complications.
17. Children pneumonia. The diagnosis, differential diagnostics. Treatment.
18. Children hyperthermia. Emergent therapy.
19. Neurotoxicosis in children. Convulsive disorder. Emergent therapy.
20. Anaphylactic shock among children. Emergent therapy.
21. Quincke's edema. Urticaria. Emergent therapy.
22. Acute rheumatic fever. The etiology, pathogenesis, classification, Signs of activity by degrees of the disease. Clinical and laboratory diagnosis.
23. Acute rheumatic fever. Clinical syndromes. Cardiac manifestations. The treatment. Primary and secondary prevention of acute rheumatic fever.
24. Acute rheumatic fever. Extracardiac manifestations. The treatment. The diagnosis.

25. Defect of the interventricular septum. Hemodynamic disorders. Clinical picture. Diagnosis. The treatment.
26. Defect of the interatrial septum. Hemodynamic disorders. Clinical picture. Diagnosis. The treatment.
27. Fallot's tetralogy. Hemodynamic disorders. Clinical picture. Diagnosis. The treatment.
28. Open arterial duct. Hemodynamic disorders. Clinical picture. Diagnosis. Treatment.
29. Non-rheumatic carditis. The etiology, pathogenesis, clinical picture. Methods of diagnosis. Treatment.
30. Vegetative dysfunction syndrome in children. The etiology, pathogenesis and clinical manifestations. The diagnosis. The methods for determining of the initial vegetative tone. Treatment and preventive measures.
31. Chronic gastroduodenitis. The etiology, pathogenesis, classification, clinical picture. A modern methods of the diagnosis and treatment.
32. Peptic ulcer. The etiology, pathogenesis, special aspects of clinical picture among children. The diagnosis. Treatment and preventive measures.
33. Dysfunctional disorder of biliard tract. The etiology, pathogenesis, classification, clinical picture, diagnosis, treatment according to the type of disorder.
34. Children pancreatitis. The etiology, pathogenesis, classification, clinical picture, diagnosis, treatment.
35. Acute and chronic glomerulonephritis. The etiology, pathogenesis, classification, clinical picture, diagnosis and treatment.
36. Acute and chronic children renal disease. The etiology, clinical picture and treatment.
37. Pyelonephritis. The etiology, pathogenesis, classification, clinical picture and diagnosis.
38. Pyelonephritis. Treatment. Preventive measures.
39. IgA Vasculitis (Henoch-Schönlein Purpura). The etiology, pathogenesis, clinical picture, diagnosis. Treatment.
40. Diabetes mellitus in children. Early clinical manifestations, methods of laboratory diagnosis, complications, treatment.
41. Infantile hypothyroidism in children. Diagnosis. Clinical picture. Treatment.
42. Hypoglycemic and hyperglycemic coma. Clinical picture. Diagnosis. Emergent therapy.
43. Toxic diffuse goiter (Graves' disease). Clinical picture. Diagnosis. Treatment.
44. Children obesity. The etiology, clinical picture and treatment.
45. Hemorrhagic diathesis: hemophilia, idiopathic thrombocytopenic purpura.

III. ДЕТСКИЕ ИНФЕКЦИИ

1. ARVI in children. Etiology, classification.
2. Influenza. Etiology, epidemiology, clinical picture, diagnosis, treatment.
3. Parainfluenza. The etiology, clinical picture, Croup syndrome. The diagnosis, treatment and preventive measures.
4. Adenovirus infection. The etiology, epidemiology, clinical picture, diagnosis, treatment.

5. Rhinovirus infection. The etiology, epidemiology, clinical picture, diagnosis, treatment.
6. Respiratory syncytial virus. Epidemiological features. Pathogenesis. Clinical picture in terms of age aspect. Treatment.
7. Treatment and preventive measures against ARVI in organized groups.
8. Whooping cough. The etiology, epidemiology, classification, clinical picture, diagnosis, treatment.
9. Whooping cough. Its features in young children. Active immunization.
10. Anti-epidemic measures in the hotbed of the whooping cough.
11. Parapertussis. The etiology, epidemiology, classification, clinical picture, diagnosis, treatment.
12. Measles. The etiology, epidemiology, classification, clinical picture.
13. Measles. The diagnosis, differential diagnosis, treatment. Preventive measures.
14. Measles. Complications of measles among children. The diagnosis, treatment, preventions of complications.
15. Anti-epidemic measures in the hotbed of the measles.
16. Rubella. The etiology, epidemiology, classification, clinical picture, diagnosis, treatment. Preventive measures.
17. Clinical picture of the congenital and acquired rubella. The diagnosis. Treatment. Preventive measures.
18. Chickenpox. The etiology, epidemiology, classification, clinical picture.
19. Chickenpox. The diagnosis, differential diagnosis, treatment.
20. Anti-epidemic measures in the hotbed of the chickenpox.
21. Scarlet fever. The etiology, epidemiology, classification, clinical picture, diagnosis, treatment. Preventive measures.
22. Scarlet fever. Complications and their preventive measures.
23. Anti-epidemic measures in the hotbed of the scarlet fever.
24. Diphtheria oropharynx. The etiology, epidemiology, classification, clinical picture, diagnosis, treatment, complications, treatment. Vaccinal prevention.
25. Toxic diphtheria of the oropharynx. The etiology, epidemiology, classification, clinical picture, diagnosis, treatment. Conditions of discharge from the hospital. Measures in the hotbed of the disease.
26. Laryngeal diphtheria. Diphtheritic croup. Treatment of laryngeal diphtheria and its complications. Measures in the hotbed of the disease.
27. Nasal diphtheria and other rare localizations. Clinical picture, diagnosis, treatment. Preventive measures.
28. Anti-epidemic measures in the hotbed of the diphtheria.
29. Parotitis. The etiology, epidemiology, classification, clinical picture, diagnosis, treatment. Preventive measures.
30. Infectious mononucleosis. The etiology, epidemiology, classification, clinical picture, diagnosis, treatment. Preventive measures.
31. Shigellosis. The etiology, epidemiology, classification, clinical picture, diagnosis, treatment. Preventive measures. Features of shigellosis among infants.
32. Salmonellosis. The etiology, epidemiology, classification, clinical picture in the terms of the age aspect, diagnosis, treatment. Preventive measures.

33. Colibacillosis. The etiology, epidemiology, classification, clinical picture, diagnosis, treatment. Preventive measures.
34. Rotavirus infection. The etiology, epidemiology, classification, clinical picture, diagnosis, treatment. Preventive measures.
35. Hepatitis A. Epidemiological features, clinical picture. Laboratory diagnosis. Treatment. Preventive measures.
36. Hepatitis B and C. Epidemiological features, clinical picture. Laboratory diagnosis. Treatment. Preventive measures.
37. Meningococcal infection. The etiology, epidemiology. Classification.
38. Meningococcal infection. Localized forms. Clinical picture, diagnosis, treatment, preventive measures.
39. Meningococcal infection. Meningitis, meningoencephalitis. Clinical picture, diagnosis, treatment, preventive measures.
40. Meningococcal infection. Meningococcemia. Typical and peracute forms. Diagnosis, treatment. Clinical examination.
41. Anti-epidemic measures in the hotbed of the meningococcal infection.
42. Esicosis, toxicosis with exsicosis with acute intestinal infections in children. Clinical picture, treatment.
43. Infectious-toxic shock. Clinical picture, treatment.
44. National Calendar of Prophylactic Immunization
45. Antimicrobial therapy of contagious children disease.