

DEPARTMENT OF CHILDREN'S DISEASES №2

Questions for the pediatrics test at the Faculty of Dentistry

1. Periods of childhood, it's characteristic.
2. Feeding of infant and children after first year of life. Methods and technique of feeding. Need for fats, proteins, carbohydrates, mineral substances and calories.
3. Rickets. Definition, classification, etiology, pathogenesis, classification, clinical manifestation, diagnostics, treatment of rickets. Prophylaxis of rickets.
4. Hypervitaminosis D. Etiology, pathogenesis, clinical picture, diagnostics, treatment, and prophylaxis. Urgent treatment of hypervitaminosis D and prognosis.
5. Stomach ulcer and duodenal ulcer. Definition, classification, etiology, pathogenesis, clinical manifestation, diagnostics, differential diagnostics and treatment.
6. Chronic gastritis and gastroduodenitis. A clinical picture. Diagnostics, the differential diagnosis. Treatment. Prevention.
7. Acute and chronic cholecystitis in children. Etiology, pathogenesis. A clinical picture. The differential diagnosis. Treatment. Prevention.
8. Dysfunction of gall-bladder and sphincters Oddi. Etiology, clinical symptoms, diagnostics, treatment, and prophylaxis.
9. Etiology, clinical symptoms, diagnostics, treatment, and prophylaxis of organic diseases of the biliary system in children.
10. Pancreatic exocrine insufficiency. Definition, etiology, pathogenesis, clinical symptoms, diagnostics, differential diagnosis, treatment, prophylaxis and prognosis.

11. Acute and chronic pancreatitis. Etiology, pathogenesis, clinical symptoms, diagnostics, differential diagnostics, treatment, prophylaxis and prognosis.
12. Urinary tract infections in children. Definition, classification, and differential diagnosis of upper and lower urinary tract infections.
13. Cystitis in children. Etiology, pathogenesis, clinical symptoms, diagnostics, differential diagnostics, treatment, prevention and prognosis.
14. Pyelonephritis in children. Definition, classification, etiology, pathogenesis, clinical symptoms, diagnostics, differential diagnostics, treatment, prevention and prognosis.
15. Glomerulonephritis in children. Definition, etiology, pathogenesis, clinical symptoms, diagnostics, differential diagnostics, treatment, prevention and prognosis.
16. Acute renal failure. Causal factors, a clinical picture. Differential diagnosis. Principles of treatment.
17. Chronic renal failure in children. Risk factors of development, etiology, pathogenesis, stages of disease, clinic, diagnostics, differential diagnostics, treatment, prophylaxis, prognosis.
18. Dysmetabolic nephropathy in children. Definition, classification, etiology, pathogenesis, clinical symptoms, diagnostics, differential diagnostics, treatment, prevention and prognosis.
19. Iron deficiency anemia in children. Causes, clinical manifestations, diagnostics, differential diagnostics, treatment and prophylaxis of iron deficient anemia in children.
20. Clinical variants of the course, diagnostics and differential diagnostics of acute lymphoblastic leukemia in children.
21. Hemophilia. Etiology, pathogenesis, clinical manifestations, diagnostics, treatment. Prognosis at children.
22. Hemorrhagic vasculitis (Henoch-Schonlein Purpura) in children. Etiology, pathogenesis, clinical forms, diagnostics and differential diagnostics, treatment, prognosis.

23. Thrombocytopenic purpura at children. Etiology, pathogenesis, clinical manifestations, diagnostics, differential diagnostics, treatment, prognosis.
24. Diabetes mellitus in children. Etiology, pathogenesis, clinical manifestations, diagnostics, treatment principles.

Children infectious diseases

25. Diphtheria. Etiology. Epidemiology. Pathogenesis. Clinical manifestation. Diagnostics. Treatment. Prophylaxis.
26. Scarlet fever. Etiology, epidemiology, pathogenesis. Clinical manifestation of typical and atypical forms of scarlet fever. Complications, treatment, prophylaxis.
27. Measles. Etiology. Epidemiology. Pathogenesis. Clinical manifestation. Diagnostics. Treatment. Prophylaxis.
28. Rubella. Etiology. Epidemiology. Pathogenesis. Clinical manifestation. Diagnostics. Treatment. Prophylaxis.
29. Chickenpox. Etiology. Epidemiology. Clinical manifestation. Diagnostics. Treatment. Prophylaxis.
30. Mumps (epidemic parotitis). Etiology. Epidemiology. Clinical manifestation. Diagnostics. Treatment. Prophylaxis.
31. Influenza. Etiology. Epidemiology. Clinical manifestation. Diagnostics. Treatment. Prophylaxis.
32. Parainfluenza and respiratory syncytial infection in children. Clinical manifestation. Differential diagnosis. Treatment. Prophylaxis.
33. Adenoviral infection. Route of infection. Features of it in children of early age. Differential diagnosis. Treatment. Prophylaxis.
34. Infectious mononucleosis. Etiology. Epidemiology. Pathogenesis. Clinical manifestation. Diagnostics. Treatment. Prophylaxis.
35. Meningococcal infection. Etiology. Epidemiology. Pathogenesis. Clinical manifestation. Diagnostics. Treatment. Prophylaxis.
36. Differential diagnosis purulent and serous meningitis. Treatment. Prophylaxis.

- 37.** Poliomyelitis. Etiology. Epidemiology. Pathogenesis. Clinical manifestation. Diagnostics. Treatment. Prophylaxis.
- 38.** Shigellosis. Etiology. Epidemiology. Pathogenesis. Clinical manifestation. Diagnostics. Treatment. Prophylaxis.
- 39.** Salmonellosis. Epidemiology, pathogenesis, clinical manifestation, clinical forms. Complications. Diagnostics. Differential diagnosis. Treatment.
- 40.** Escherichiosis. Epidemiology, pathogenesis, clinical manifestation, clinical forms. Complications. Diagnostics. Differential diagnosis. Treatment.
- 41.** Rotaviral infection in children. Epidemiology, pathogenesis, clinical manifestation, clinical forms. Complications. Diagnostics. Differential diagnosis. Treatment.
- 42.** Viral hepatitis A. Etiology. Epidemiology. Clinical manifestation. Diagnostics. Treatment. Prophylaxis.
- 43.** Viral hepatitis B. Etiology. Epidemiology. Clinical manifestation. Diagnostics. Treatment. Prophylaxis.
- 44.** Clinical and laboratory diagnostics of acute intestinal infection. Differential diagnosis with non infectious diseases (intussusceptions, appendicitis).