Questionnaire for State Examination in Pediatrics

3. Psychomotor development: factors and criteria. Assessment of psychomotor development of 0 – 12 months age infants. Etiology of delayed development.
4. General principles of rational nutrition in infants and toddlers.
15. Fluid and electrolyte homeostasis – physiology and disorders.
16. Fluid and electrolyte homeostasis – rehydration therapy.
20. Morphologic and physiologic features and methods of examination of the respiratory system in children: history, physical examination, laboratory data.
22. Upper respiratory tract infections: rhinitis, rhinopharyngitis, tonsilopharyngitis.
23. Laryngitis and laryngotracheobronchitis.
24. Bronchitis and bronchiolitis.
27. Treatment of the acute respiratory infections. Foreign body in the airways.
29. Cystic fibrosis.
30. Allergy and allergy diseases in children: etiology, pathogenesis, clinical manifestations, diagnosis, treatment and prophylaxis.
31. Asthma.
32. Morphologic and physiologic features and methods of examination in pediatric cardiology.
34. Congenital heart malformations with left-to-right shunt.
35. Congenital heart malformations with right-to-left shunt.
37. Heart failure: etiology, clinical presentation, diagnosis, differential diagnosis between cardiac and pulmonary insufficiency. Treatment.
40. Other connective tissue diseases: systemic lupus erythematosus, periarteritis nodosa, dermatomyositis, mixed connective tissue disease.
41. Acute rheumatic fever: etiology, pathogenesis, morphology, clinical presentation, diagnosis, treatment and prophylaxis.
42. Joint pain – differential diagnosis.
43. Morphologic and physiologic features and examination of kidneys and urinary tract.
44. Acute glomerulonephritis.
45. Chronic nephritis.
46. Nephrotic syndrome.
47. Kidney and urinary tract infections.
49. Urolithiasis.
50. Acute and chronic renal failure.
54. Chronic diarrhea in children: lactase deficiency, cow’s milk protein intolerance, celiac disease, maldigestion in cystic fibrosis.
55. Peptic ulcer and chronic gastritis.
59. Chronic hepatitis and cirrhosis.
60. Characteristic features of blood in different periods of childhood: quantity, red and white blood cells.
63. Hemolytic anemias - acute and chronic.
64. Bleeding disorders in children.
66. Acute leucemias.
67. Lymph nodes enlargement: differential diagnosis.
68. Morphologic and physiologic features and examination of the nervous system in children.
71. Central nervous system infections: meningitis, encephalitis.
73. Pituitary diseases. Pituitary nanism.
74. Short stature – differential diagnostic approach.
75. Hypothyroidism.
76. Congenital adrenal hyperplasia.
77. Puberty: physiology and pathology.
82. Low birth weight infant: causes, characteristic features, pathology.
83. Neonatal infections.
84. Asphyxia in the newborn.
85. Trauma of labor and delivery. Neonatal jaundice.

Recommended literature:


Head of Pediatrics:
/ Prof. V. Nedkova, MD, PhD/