

УТВЕРЖДЕНО

на заседании кафедры

Протокол №6 от 27.11.2024 г.

Зав. кафедрой стоматологии  
детского возраста

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**Questions for the exam on "Pediatric Dentistry" for 5th year students  
(2024/2025)**

1. Anatomical, physiological and radiological features of the periodontium in children in different age periods.
2. Classification of gingivitis. Etiology, pathogenesis of gingivitis in children.
3. Diagnosis of gingivitis in children.
4. Etiology of gingivitis in children.
5. Etiology, pathogenesis, clinical features, treatment of acute gingivitis in children.
6. Etiology, pathogenesis, clinical features, treatment of chronic simple marginal gingivitis in children.
7. Etiology, pathogenesis, clinical features, treatment of hyperplastic gingivitis in children.
8. Etiology, pathogenesis, clinical features, treatment of desquamative gingivitis in children.
9. Gingival recession in children. Etiology, pathogenesis, clinical features and treatment.
10. Prepubertal aggressive periodontitis. Etiology, pathogenesis, course features and treatment.
11. Localized and generalized juvenile periodontitis. Etiology, pathogenesis, clinical features and treatment.
12. Symptomatic periodontitis in children with diabetes mellitus. Clinical features and the role of a dentist in diagnosis and treatment.
13. Symptomatic periodontitis in children with hereditary neutropenia. Clinical features and the role of a dentist in diagnosis and treatment.
14. Symptomatic periodontitis in children with hereditary Papillon-Lefevre. Clinical features and the role of a dentist in diagnosis and treatment.
15. Symptomatic periodontitis in children with X-histiocytosis. Clinical features and the role of a dentist in diagnosis and treatment.
16. Features of the oral mucosa in children in different age periods.
17. Etiology, pathogenesis, diagnosis of acute herpetic stomatitis in children.
18. Diagnostics of acute herpetic stomatitis in children.
19. Clinical features of acute herpetic gingivostomatitis in children.

20. Mild form of acute herpetic stomatitis in children. Clinical features, treatment.
21. Moderate form of acute herpetic stomatitis in children. Clinical features, treatment.
22. Severe form of acute herpetic stomatitis in children. Clinical features, treatment.
23. Treatment of acute herpetic stomatitis in children.
24. Acute herpetic infection of newborns. Etiology, pathogenesis, clinical manifestations, treatment.
25. Features of pathogenesis and clinical course of acute herpetic stomatitis in children with risk factors. Prognosis of development of chronic recurrent herpetic stomatitis in children.
26. Pathogenesis of chronic recurrent herpetic infection in children.
27. Risk factors of recurrence of herpetic infection in children. Diagnostics of recurrence risk.
28. Clinical course of recurrences of herpes simplex infection in children.
29. Chronic recurrent herpetic stomatitis in children. Clinical features.
30. Chronic recurrent herpetic stomatitis in children. Treatment, prevention.
31. Herpes labialis. Pathogenesis, clinical features in children, treatment, prevention.
32. Chronic recurrent herpes simplex infection with manifestations in the oral cavity in children with immunodeficiency.
33. Etiology, pathogenesis, clinical features, treatment of enteroviral stomatitis in children.
34. Etiology, pathogenesis, clinical features, treatment oral mucosa lesions in varicella-zoster virus in children. Role of the dentist.
35. Etiology, pathogenesis, clinical features, treatment oral mucosa lesions in chicken pox in children. Role of the dentist.
36. Etiology, pathogenesis, clinical features of oral mucosa lesions in measles and rubella in children. Role of the dentist.
37. Etiology, pathogenesis, clinical features of oral mucosa lesions in influenza, parainfluenza, adenovirus infection. Role of the dentist.
38. Etiology, pathogenesis, clinical features of oral mucosa lesions in infectious mononucleosis infection. Role of the dentist.
39. Etiology, pathogenesis, clinical features of oral mucosa lesions in HIV infection. Role of the dentist.
40. Etiology, pathogenesis, clinical features of oral mucosa lesions in scarlet fever in children. Role of the dentist.
41. Etiology, pathogenesis, clinical features of oral mucosa lesions in syphilis and gonorrhea in children. Role of the dentist.
42. Etiology, pathogenesis, clinical features of necrotizing ulcerative gingivitis in children.
43. Diagnostics, differential diagnostics of necrotizing ulcerative gingivitis in children.
44. Treatment of necrotizing ulcerative gingivitis in children.

45. Classification of oral candidiasis. Etiology, pathogenesis of oral candidiasis in children.
46. Etiology, pathogenesis, clinical features of acute pseudomembranous oral candidiasis in children.
47. Diagnostics, differential diagnosis of acute pseudomembranous oral candidiasis in children.
48. Treatment of acute pseudomembranous oral candidiasis in children depending on severity of disease.
49. Angular cheilitis in children. Etiology, pathogenesis, clinical features, treatment.
50. Etiology, pathogenesis, clinical features of oral candidiasis in diabetes mellitus and immunodeficiency in children. Diagnostics, differential diagnostics, treatment.
51. Prevention of oral candidiasis in children.
52. Etiology, pathogenesis, clinical features of chronic recurrent aphthous stomatitis in children.
53. Chronic recurrent aphthous stomatitis in children. Diagnostics, differential diagnostics, treatment.
54. Chronic recurrent aphthous stomatitis in children. Treatment, prevention.
55. Etiology, pathogenesis, clinical features of exudative erythema multiforme in children.
56. Exudative erythema multiforme in children. Diagnostics, differential diagnostics, treatment
57. Etiology, pathogenesis, clinical features of Stevens-Johnson's syndrome in children. Diagnostics, treatment.
58. Etiology, pathogenesis, clinical features of Lyell's syndrome in children. Diagnostics, treatment.
59. Etiology, pathogenesis, clinical features of urticaria and Quincke's edema in children. Diagnostics, treatment.
60. Etiology, pathogenesis, clinical features of drug induced stomatitis and contact allergy in children. Diagnostics, treatment.
61. Topical infiltration and block anesthesia of MFA in children. Indications, anesthetics, technique.
62. Common and local complications of local anesthesia of maxillofacial region in children. Causes, treatment and prevention.
63. Classification of general anesthesia in pediatric dental practice and maxillofacial surgery. Advantages and disadvantages.
64. Indications and contraindications to general anesthesia in children in a planned way.
65. Anesthetic preparation of child. Premedication. Features of mechanical ventilation and closed cardiac massage in children.
66. Indications for extraction of teeth with odontogenic inflammatory diseases in children (periodontitis, periostitis, osteomyelitis).
67. Indications for extraction of teeth with traumatic injuries (luxation, concussion, fracture).

68. Orthodontic indications for tooth extraction.
69. Tooth extraction. Features in childhood. Instruments for tooth extraction in children. Features
70. Complications during and after tooth extraction. Treatment and prevention. The methods of stopping bleeding after tooth extraction (local, general).
71. Features of a current inflammatory diseases of the maxillofacial region in children, due to the anatomical structure of the teeth, jaws and soft tissues  
Physiological features of the child's body that influence the clinical course of inflammatory diseases of maxillofacial region.
72. Acute suppurative odontogenic periostitis in children. Clinic, diagnostics and treatment.
73. Chronic odontogenic periostitis in children. Clinic, diagnostics and treatment.
74. Acute odontogenic osteomyelitis in children. The clinic, diagnosis and treatment.
75. Odontogenic infection pathways depending on the teeth-group specificity.
76. Acute traumatic osteomyelitis of the jaws in children. Clinic, treatment and prevention.
77. Hematogenous osteomyelitis of jaws in children. The etiology, clinical manifestations, diagnosis and treatment.
78. Clinical and radiological picture, diagnosis and treatment of children with destructive chronic odontogenic osteomyelitis.
79. Clinical and radiological picture, diagnosis and treatment of children with productive form of chronic odontogenic osteomyelitis.
80. Clinical and radiological picture, diagnosis and treatment of children with destructive- productive form of chronic odontogenic osteomyelitis.
81. Chronic traumatic osteomyelitis of the jaws of children. Clinic, treatment and prevention.
82. Complications and outcomes of chronic osteomyelitis of the jaws in children. Dispensary system.
83. Acute odontogenic maxillary sinusitis in children. The clinic, diagnosis and treatment.
84. Chronic odontogenic maxillary sinusitis in children. Clinic, diagnosis and treatment.
85. Clinic, diagnosis and treatment of perforating the bottom of the maxillary sinus after tooth extraction in child.
86. Etiology, pathogenesis, clinic and treatment acute serous lymphadenitis of MFA in children.
87. Etiology, pathogenesis, clinic and treatment acute purulent lymphadenitis of children MFA.
88. Etiology, clinical features, diagnosis, differential diagnosis and treatment of children with chronic lymphadenitis of MFA.
89. Abscesses of MFA in children. Etiology, pathogenesis, clinic and treatment.
90. Cellulitis of MFA in children. Etiology, pathogenesis, clinic and treatment.

91. Actinomycosis of MFA in children. Etiology, clinic, diagnosis and treatment.
92. Structure features of the temporomandibular joint (TMJ) in children at different age periods. Classification of TMJ children disorders.
93. Acute arthritis of the TMJ of children. Etiology, clinical manifestations, diagnosis and treatment.
94. Youth TMJ dysfunction. Etiology, pathogenesis, clinical features, diagnosis and treatment.
95. Inflammatory and degenerative diseases of children TMJ. Clinical features, diagnosis and treatment.
96. TMJ osteoarthritis (fibrous ankylosis) in children. Etiology, pathogenesis clinic, diagnosis and scheme of treatment.
97. Bone ankylosis of TMJ of children and teens. Etiology, clinical features, diagnosis and scheme of treatment.
98. Surgical treatment of children with ankylosis of the temporomandibular joint.
99. Dislocation of the TMJ in children. Clinic, diagnosis and treatment.
100. Neoarthrosis in the area of the temporomandibular joint. Etiology, clinical manifestations and scheme of treatment.
101. Furuncles and carbuncles of maxillofacial region of children. The clinic, diagnosis and treatment.
102. Sialolithiasis. Etiology, clinical features, diagnosis and treatment in acute condition and remission.
103. Acute non-epidemic children parotitis. Clinical manifestations, diagnostics and treatment. Children Mumps (epidemic parotitis). Clinical manifestations, diagnostics and treatment.
104. Chronic nonspecific parenchymal sialadenitis in children. Clinical manifestations, diagnostics and treatment in acute condition and remission. Medical check-up of children with chronic parenchymal sialadenitis.
105. Fractures of children zygomatic bone. Clinic, diagnostics and scheme of treatment.
106. Fractures of the children mandible. Clinic, diagnostics and scheme of treatment.
107. Methods of fixation (immobilization) of mandibular fractures in children.
108. Fractures of the upper jaw in children. Clinic, diagnostics and scheme of treatment.
109. Methods of maxilla fractures fixation in children.
110. Features of clinic, diagnosis and treatment of gunshot children injuries.
111. Emergency care of children with trauma of the maxillofacial region (bleeding, shock, asphyxia).
112. Etiology of congenital malformations in humans. Pathogenesis of congenital malformations of the face, upper lip and palate.
113. Systemic congenital malformations of the maxillofacial area in children (syndromes). Clinical manifestations, and scheme of treatment.
114. Classification of congenital clefts of lip and palate.

115. Anatomical and functional disorders of congenital clefts of lip and palate.
116. Methods of feeding children with congenital clefts lip and palate.
117. Cheiloplasty. Objectives, methods and age indications.
118. Uranoplasty. Objectives, methods and age indications.
119. Scheme of medical rehabilitation of children with congenital clefts of lip and palate.
120. Prevention of congenital malformations of MFA.