

Exam questions on the subject
"Caries and diseases of hard dental tissues"

1. The role of P.G. Dauge in the development of Russian dentistry. Dentistry Magazine: sections, tasks.
2. Stages of development of therapeutic dentistry in Russia. The role of Russian scientists in the formation of the discipline (Lukomsky, Gofung, Entin, Evdokimov)
3. The structure of the dental clinic, therapeutic department, office. Organization of dental office work: office area, lighting, equipment, safety measures.
4. Ergonomics. Definition. Ergonomic working conditions of a dentist. Four-handed work.
5. Anatomical and topographic characteristics of permanent teeth of the upper and lower jaws.
6. The microbial flora of the oral cavity and its role in the development of pathological processes.
7. Saliva and oral fluid. Composition, functions, and role in the occurrence of dental caries. Influence on the metabolic processes in the enamel.
8. Histological structure, chemical composition of dentin.
9. Enamel, histological structure, functions.
10. Cement, histological structure, functions.
11. The main methods of examination of a patient with a disease of the hard tissues of the tooth. The sequence of the event.
12. Additional methods of examination of a patient with a disease of the hard tissues of the tooth.
13. Examination of the oral cavity of a dental patient. Sequence. The dental formula. Systematization of WHO.
14. Examination of the dentition, filling in the dental formula. The CPI index, its value in assessing the condition of the oral cavity.
15. Documentation at the therapeutic dentistry clinic. Outpatient card as a medical, scientific and legal document. Informed consent of the patient.
16. Deontology and medical ethics in dentistry.
17. Theories of the occurrence of dental caries. Modern views on the occurrence and development of dental caries.
18. The concept of a cariogenic situation. General and local cariogenic factors.
19. Resistance of the hard tissues of the tooth. Factors determining the resistance of hard tooth tissues. Ways to increase enamel resistance.
20. Dental caries. Definition. Epidemiology. Accounting for the incidence of dental caries. Classification of caries.

21. Indicators of dental morbidity (prevalence, intensity, increase in intensity).
The frequency of caries damage to certain groups of teeth.
22. The role of dental plaque and plaque microorganisms in the development of caries. Formation and development of dental plaque.
23. Initial caries. Etiology, pathogenesis, pathohistology, clinic, diagnosis.
24. Differential diagnosis of initial caries.
25. Methods of treatment of initial caries. Prevention.
26. Superficial caries. Etiology, pathohistology, clinic, diagnosis.
27. Differential diagnosis of superficial caries.
28. Treatment of superficial caries.
29. Average caries. Etiology, pathogenesis, pathohistology, clinic, diagnosis.
30. Differential diagnosis of moderate caries.
31. Stages of operative and restorative treatment of moderate caries.
32. Deep caries. Etiology, pathogenesis, pathohistology, clinic, diagnosis.
33. Differential diagnosis of deep caries.
34. Treatment of deep caries. Choosing a medical pad. Justification of the choice of therapeutic pads.
35. Recurrent caries. Causes, clinic, diagnosis, differential diagnosis. Treatment.
36. Caries of cement. The role of xerostomia in the development of cement caries. Clinic, diagnosis, differential diagnosis. Treatment features.
37. General dental caries treatment. Indications. The importance of calcium and phosphorus preparations in the general treatment of dental caries. Mechanism of action.
38. Prevention of dental caries. Primary and secondary prevention.
39. The role of fluoride in the prevention of dental caries. Sealing of fissures.
40. Types of dental deposits, methods of their identification and quantification. Professional oral hygiene. Stages of the event.
41. Planned sanitation of the oral cavity. Organizational forms and methods of its implementation.
42. Amelogenesis imperfecta, non-carious lesions of the hard tissues of teeth that occur during follicular development. Dentinogenesis, Stainton-Capdepone syndrome. Etiology, pathogenesis, clinic, treatment.
43. Local hypoplasia of the hard tissues of the tooth. Etiology, clinic, diagnosis. Methods of treatment. Prevention.
44. Systemic hypoplasia. Etiology, clinic, diagnosis, differential diagnosis, treatment methods. Prevention.
45. Endemic dental fluorosis. Etiology, pathogenesis, classification, clinic, diagnosis, differential diagnosis, treatment methods, prevention.
46. Wedge-shaped defect. Etiology, clinic, diagnosis, differential diagnosis. Methods of treatment.

47. Erosion of the hard tissues of the tooth. Etiology, pathogenesis, classification, clinic, diagnosis, differential diagnosis, treatment.
48. Acid necrosis of teeth. Etiology, clinic, diagnosis, differential diagnosis, treatment features. Prevention.
49. Hyperesthesia of hard tooth tissues: classification, etiology, clinic, diagnosis, differential diagnosis, treatment.
50. Necrosis of the hard tissues of the tooth. Etiology, clinic, diagnosis, differential diagnosis, treatment, prevention.
51. Acute tooth injury: classification, clinic, diagnosis, differential diagnosis, treatment, prevention.
52. Chronic tooth injury: classification, clinic, diagnosis, differential diagnosis, treatment, prevention.
53. Erosion of hard tooth tissues. Physiological. Pathological. Etiology, pathogenesis, pathological picture, clinic, treatment.
54. Dental discoloritis, the role of endogenous and exogenous factors in causing discoloration of teeth. Methods for determining dental discoloritis.
55. Methods of dental discoloritis treatment. Indications and contraindications. The mechanism of action of bleaching systems. Prevention of complications that occur after bleaching.
56. Aesthetic and functional restoration of carious defects of the frontal group of teeth. Anatomical and color diagnostics. Stages of restoration.
57. Erasability of hard tooth tissues: physiological, pathological. Etiology, pathogenesis, clinic, treatment.
58. Restoration. Definition. Stages of restoration. Indications.
59. Aesthetic and functional restoration of carious defects of the lateral group of teeth. Anatomical and color diagnostics. Stages of restoration.
60. General complications in the clinic of therapeutic dentistry. Emergency care for anaphylactic shock at a dental appointment.
61. General complications in the clinic of therapeutic dentistry. Emergency care for fainting at a dental appointment.
62. General complications in the clinic of therapeutic dentistry. Emergency care in case of collapse.
63. Prevention of HIV infection in the clinic of therapeutic dentistry. Features of dental care for HIV-infected patients.
64. Methods of dental caries treatment. Operative and restorative treatment of dental caries. Stages of preparation.
65. Stages of deep caries treatment, class I according to Black. Features of preparation, the choice of therapeutic pads depending on the condition of the dentin of the bottom of the carious cavity.

66. Stages of treatment of deep caries in case of localization of the carious cavity on the chewing surface and the upper third of the vestibular surface of the tooth crown. Justify the preparation options, the choice of a medical pad and a material for a permanent seal.
67. Electrodontometry in therapeutic dentistry, the essence of the method, the method of conducting, evaluation of results.
68. Tactics of cement caries treatment depending on the depth of the carious cavity. Justify the choice of filling material.
69. Suspended dental caries. Definition. Etiology, clinic, diagnosis, doctor's tactics in treatment.
70. Errors and complications in the treatment of dental caries.
71. Operative and restorative treatment of the frontal group of teeth with a wedge-shaped defect. Indications, stages of treatment, choice of filling material.
72. International Classification of Dental Diseases ICD-C based on the International Classification of Diseases and Related Health Problems (ICD-10).
73. Invasive sealing of fissures. Indications for the procedure, methods of implementation, necessary materials and tools.
74. Non-invasive sealing of fissures. Indications for the procedure, methods of implementation, necessary materials and tools.
75. Non-carious lesions of the hard tissues of teeth. Classification. International classification of ICD-C-3 based on ICD-10.
76. Vital tooth staining. The methodology of conducting. Criteria for evaluating the results obtained.
77. Focal hypoplasia. Etiology, clinic, diagnosis, differential diagnosis, treatment. Prevention.
78. Remineralizing therapy in the treatment of initial caries. Indications. Methods, methods of conducting using a laser.
79. Ultrasound treatment of the carious cavity in the treatment of dental caries. The purpose of the processing. Mechanism of action. Working methods.
80. Treatment of moderate caries in case of localization of the carious cavity in the caecal fossa. Features and stages of preparation. The choice of filling material.
81. The stages of surgical and restorative treatment of superficial caries. The choice of filling material.
82. Differential diagnosis of dental hard tissue erosion.
83. Stages of treatment of superficial caries of the V class according to Black. The peculiarity of preparation, the choice of filling material.
84. Features of dental care for patients with hepatitis B and hepatitis C in the treatment of dental hard tissues.

85. The importance of the contact point, its restoration in the treatment of caries localized on the contact surface of the tooth. Features of the matrix system overlay.
86. Differential diagnosis of systemic hypoplasia of hard tooth tissues.
87. Reconstructive treatment of the central tooth in case of damage to the corner of the crown within the dentine using a parapulpal pin. The choice of material for fixing the pin.
88. Stages of treatment of deep caries in case of localization of the carious cavity on the chewing surface of the tooth. The purpose of applying a therapeutic pad, its composition and properties. The choice of a therapeutic pad depends on the condition of the dentin of the bottom of the carious cavity.
89. Differential diagnosis of cement caries.
90. Differential diagnosis of a wedge-shaped defect in the hard tissues of the tooth.
91. Hereditary structural disorders of teeth. Amelogenesis imperfecta: etiology, pathogenesis, clinical picture, treatment, prevention.
92. Hereditary structural disorders of teeth. Imperfect dentinogenesis: etiology, pathogenesis, clinical manifestations, treatment, prevention.
93. Diagnostic methods for initial caries.
94. Hereditary structural disorders of teeth. Imperfect odontogenesis: etiology, pathogenesis, clinical manifestations, treatment, prevention.
95. Remineralizing therapy in the treatment of initial caries. Indications. Methods, methods of conducting using fluorinated gels.
96. Remineralizing therapy in the treatment of initial caries. Indications, methods. The Borovsky-Leus methodology
97. Differential diagnosis of endemic fluorosis.
98. The dashed form of fluorosis. Clinic, diagnosis, and Treatment.
99. Destructive form of fluorosis. Clinic, diagnosis. Treatment.
100. Stages of treatment of moderate caries, with localization of carious cavities on contact surfaces. Dissection tactics. The choice of filling material.
101. Stages of treatment of superficial caries. Options for the preparation of carious cavities, the choice of filling material.
102. Stages of treatment of moderate caries, with localization of the carious cavity in the cervical region. The technique of applying a retraction thread.
103. Erosive form of fluorosis. Clinic, diagnosis. Treatment.
104. Dental discoloritis, treatment methods. Indications and contraindications to bleaching, prevention of complications, Mechanism of action of bleaching systems.
105. Stages of treatment of moderate caries of the chewing group of teeth. The dissection option. Features of sealing.

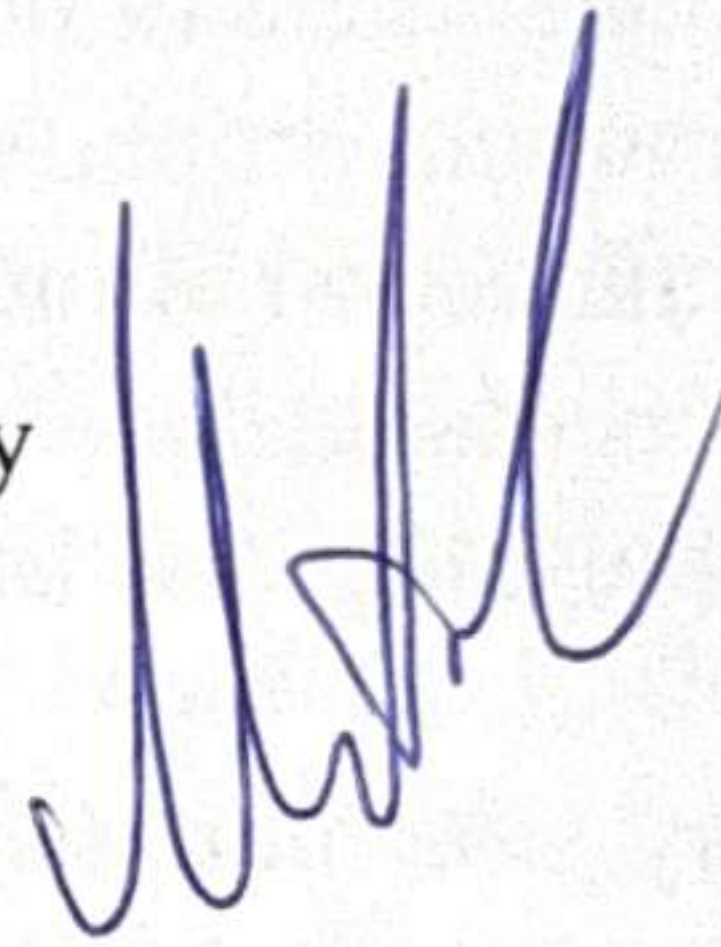
106. Spotted form of fluorosis. Clinic, diagnosis, Treatment.

107. Stages of treatment of moderate caries in case of localization of the carious cavity of class 3 according to Black. Preparation options and stages. The choice of filling material. Features of sealing.

108. Stages of treatment of superficial caries of the 3rd class according to Black. Stages of preparation. The choice of filling material.

109. Chalky-speckled form of fluorosis. Clinic, diagnosis. Treatment.

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