

Questions for the exam in the discipline "Endodontics"

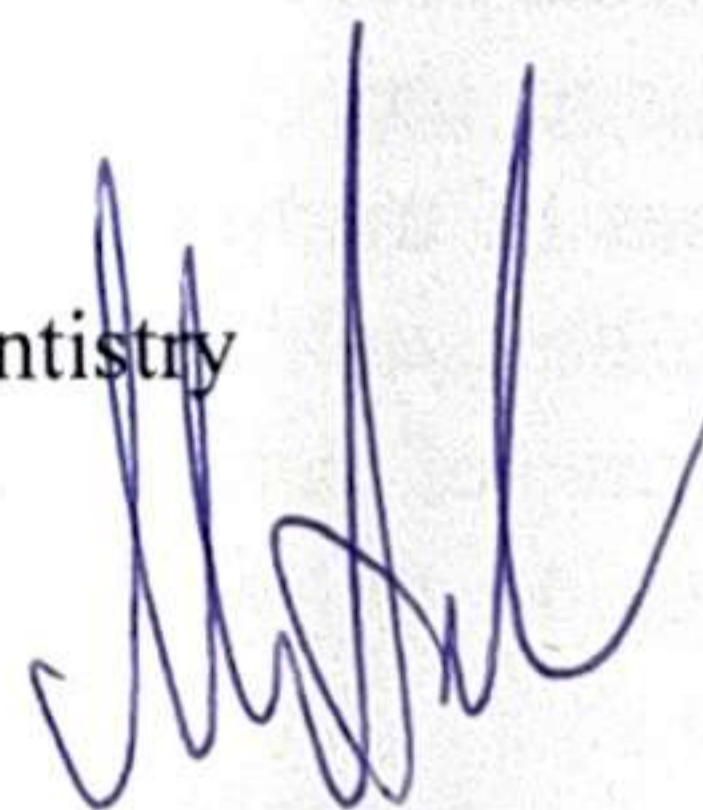
1. Dental pulp, structure, blood supply, innervation, functions.
2. Etiology and pathogenesis of pulpitis.
3. Classification of pulp diseases (MMSI, 1989; ICD-10)
4. Basic and additional methods of examination of patients with pulp diseases. Methods-diagnostics of pulpitis,
5. Acute focal pulpitis. Acute pulpitis (K04. 01) Pathanatomy, clinic, diagnosis, treatment.
6. Acute diffuse pulpitis. Purulent pulpitis (pulpar abscess) (K04. 02). Pathanatomy, clinic, diagnosis, treatment.
7. Chronic fibrous pulpitis. Chronic pulpitis (K04. 03). Pathanatomy, clinic, diagnosis, treatment.
8. Chronic hypertrophic pulpitis. Hyperplastic pulpitis (pulpar polyp) (K04. 05). Pathanatomy, clinic, diagnosis, treatment.
9. Chronic gangrenous pulpitis. Necrosis of the pulp (gangrene of the pulp) (K04. 1). Pathanatomy, clinic, diagnosis, treatment.
10. Exacerbation of chronic pulpitis. Unspecified pulpitis (K04. 09). Pathanatomy, clinic, diagnosis, treatment.
11. Differential diagnosis of acute pulpitis.
12. Differential diagnosis of chronic pulpitis.
13. Differential diagnosis of acute chronic pulpitis.
14. Cocrementose pulpitis. Pulp degeneration. (K04. 2). Etiology, pathogenesis, clinic, diagnosis, treatment.
15. Traumatic pulpitis. Dental injuries. (S03.2; S02.5). Etiology, pathogenesis, clinic, diagnosis, treatment.
16. Residual pulpitis. Etiology, pathogenesis, clinic, diagnosis, treatment.
17. Retrograde pulpitis. Etiology, pathogenesis, clinic, diagnosis, treatment.
18. Biological method of pulpitis treatment, indications, contraindications, treatment stages.
19. Vital amputation of the pulp (pulpotomy). Indications, contraindications, and stages of treatment.
20. Materials for medical pads, requirements, indications for use, groups.
21. Materials for medical pads in the treatment of pulpitis. Combined therapeutic pastes, composition, properties, indications and methods of application.
22. Materials for medical pads in the treatment of pulpitis. Therapeutic pads based on calcium hydroxide, release forms, composition, properties, indications and application methods.
23. Therapeutic pads based on calcium hydroxide, release forms, composition, properties, indications and application methods.
24. Combined therapeutic pastes, composition, properties, indications and

- methods of application.
25. Vital pulp extirpation (pulpectomy). Indications, contraindications, and treatment stages.
 26. Methods of anesthesia in the treatment of pulpitis.
 27. Devital amputation of the pulp. Indications, contraindications, and treatment stages.
 28. Devital pulp extirpation. Indications, contraindications, and treatment stages.
 29. Combined method of pulpitis treatment, indications, contraindications, treatment stages.
 30. Devitalizing pastes, composition, properties, mechanism of action, method and time of application. Possible complications and their prevention.
 31. Impregnation methods for processing the contents of the impassable part of the root canal. Silvering method.
 32. Impregnation methods for processing the contents of the impassable part of the root canal. Resorcinol-formalin method.
 33. Endodontic instruments used in endodontic treatment.
 34. Features of instrumental treatment of root canals in the treatment of pulpitis.
 35. Creation of endodontic access in the area of the frontal group of teeth of the upper and lower jaws. Goal, stages, and quality criteria.
 36. Creation of endodontic access in the area of premolars and molars of the upper jaw. Goal, stages, and quality criteria.
 37. Creation of endodontic access in the area of premolars and molars of the lower jaw. Goal, stages, and quality criteria.
 38. Passive (manual) irrigation of root canals, methods of implementation, possible complications, their prevention.
 39. Active (ultrasound) irrigation of root canals, methods of carrying out, possible complications, their prevention.
 40. Passive and active irrigation of root canals, methods of implementation, possible complications, their prevention.
 41. The main groups of medicines used for irrigation of root canals, active substance, mechanism of action.
 42. Diathermocoagulation in the treatment of pulpitis, mechanism of action, indications and methods.
 43. Errors at the stages of pulpitis diagnosis.
 44. Errors and complications in the treatment of pulpitis, their elimination and prevention.
 45. Errors that occur in the diagnosis of acute and chronic forms of periodontitis.
 46. Periodontal structure, blood supply, innervation, functions.
 47. Etiology and pathogenesis of periodontitis.
 48. Classification of periodontitis (MGMSU, ICD-10).

49. Basic and additional methods of examination of patients with periodontal diseases.
50. Acute apical periodontitis in the intoxication phase. Acute apical periodontitis of pulpar origin (K04.4) Pathanatomy, clinic, diagnosis.
51. Acute apical periodontitis in the phase of a pronounced exudative process. Acute apical periodontitis of pulpar origin (K04.4) Pathanatomy, clinic, diagnosis.
52. Ways of exudate distribution in acute and acute exacerbation of chronic apical periodontitis.
53. Differential diagnosis of acute apical periodontitis.
54. Chronic fibrotic periodontitis. Etiology, clinic, diagnosis, treatment.
55. Chronic granulomatous periodontitis. Chronic apical periodontitis (K04. 5). Etiology, clinic, diagnosis, treatment.
56. Chronic granulating periodontitis. Periapical abscess with fistula (K04. 6). Etiology, pathogenesis, clinic, diagnosis, treatment.
57. Exacerbation of chronic periodontitis. Periapical abscess without fistula (K04. 6). Etiology, clinic, diagnosis, treatment.
58. Toxic (drug-induced) periodontitis: etiology, pathogenesis, clinic, diagnosis, treatment.
59. Traumatic periodontitis: etiology, pathogenesis, clinic, diagnosis, treatment.
60. Differential diagnosis of chronic forms of periodontitis.
61. Differential diagnosis of exacerbation of chronic periodontitis (K 04.6 Periapical abscess without fistula).
62. Internal root resorption. Etiology, clinic, diagnosis, treatment.
63. External root resorption. Etiology, clinic, diagnosis, treatment.
64. Purpose, objectives, and stages of treatment of acute periodontitis.
65. Stages of treatment of chronic periodontitis. Principles of "triple impact" according to I. G. Lukomsky.
66. Features of instrumental treatment of root canals in periodontitis.
67. Irrigation of root canals in the treatment of periodontitis, methods and means.
68. The concept of a "smear layer" on the walls of the root canal. Methods for deleting it.
69. Purpose of root canal obturation, criteria for root canal readiness for filling.
70. Requirements for materials for filling root canals.
71. Filling materials for temporary root canal obturation: pastes based on antibiotics and corticosteroid materials, pastes based on metronidazole, pastes based on calcium hydroxide.
72. Filling materials for permanent obturation of root canals plastic hardening and primary hard materials for filling root canals.
73. Plastic hardening materials for filling root canals.

74. Filling of root canals using primary hard materials, using a single pin method.
75. Filling of root canals by lateral condensation.
76. Filling of root canals using obturation systems.
77. Copper-calcium hydroxide depopohoresis.
78. Electroodontometry, purpose, apparatuses, methods of conducting.
79. Application of fluctuating currents in endodontics, mechanism of action, indications, method of conducting.
80. Application of high-and low-frequency currents (UHF therapy and fluktuorization) in post-sealing pain.
81. Application of low-frequency sound in endodontics, mechanism of action, indications, method of conducting.
82. Transcanal electrophoresis of medicinal substances in the periodontal cavity.
83. The use of UHF therapy in endodontic treatment.
84. Complications in the treatment of periodontitis, their elimination and prevention.
85. Chroniosepsis, dental focus of infection, focal-related diseases, odontogenic focus of infection.
86. General and local contraindications to physiotherapy.
87. Methods for determining the working length of root canals.
88. Methods and tools for expanding root canals.
89. Methods and means of bleaching depulped teeth.
90. Prognosis of periodontitis treatment. Factors affecting the effectiveness of treatment.

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