

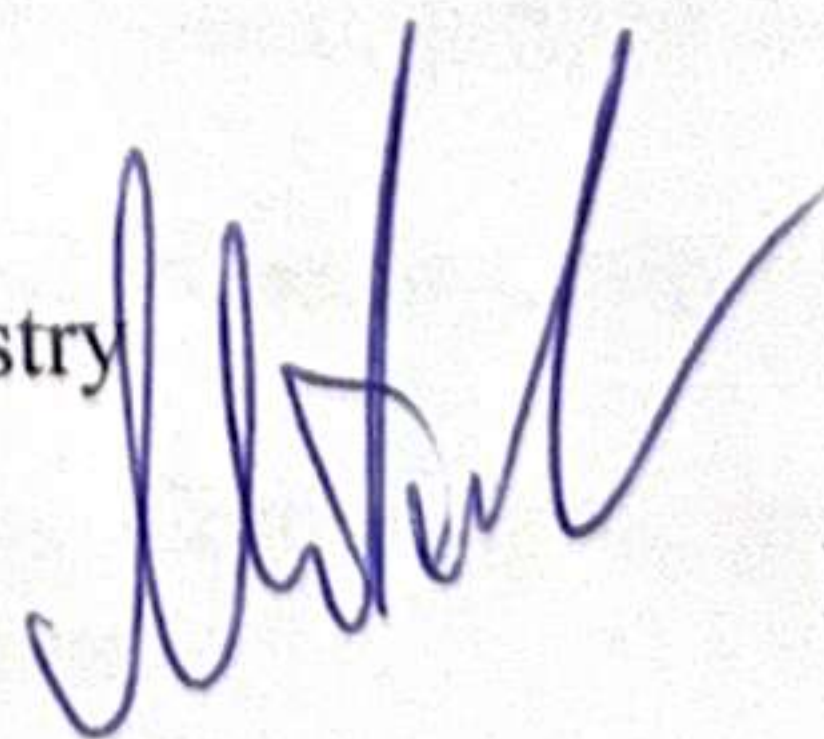
Questions for the exam in Propaedeutics of Therapeutic Dentistry

1. Sanitary and hygienic requirements for therapeutic dentistry rooms. Organization of the dentist's workplace. Equipment of the dental office.
2. Tools for the preparation of hard tooth tissues. Burs, systematization, functions.
3. Dental tips. Characteristic malfunctions of the tips.
4. The main groups of instruments for the dentist-therapist. Their purpose.
5. Definition of the concepts of asepsis, antiseptics, disinfection, pre-sterilization cleaning and sterilization. The stages of processing medical devices according to OST 42-21-2-85.
6. Stages and modes of processing medical devices. Disinfection. Methods.
7. Stages and modes of processing medical devices. Pre-sterilization treatment. Quality control
8. Stages and modes of processing medical devices. The main methods of sterilization. Sterilization quality control.
9. Prevention of occupational infections in medical institutions. Functional responsibilities of a dentist and auxiliary staff in compliance with infection control standards. Methods and means of protecting dentists while working with patients.
10. Concept of caries. Classification of caries (clinical-topographical, anatomical, ICD-10, Black's classification).
11. Basic principles and modes of cavity preparation.
12. Stages of cavity preparation.
13. Preparation of Class I carious lesions according to Black. Variants of preparation.
14. Preparation of Class II carious lesions according to Black. Variants of preparation.
15. Preparation of Class III carious lesions according to Black. Variants of preparation.
16. Preparation of Class IV carious lesions according to Black. Variants of preparation.
17. Preparation of Class V carious lesions according to Black. Variants of preparation.
18. Classification of filling materials. Requirements for permanent filling materials.
19. Temporary filling materials, their characteristics.
20. Materials for isolating liners, their characteristics.
21. Filling materials for therapeutic liners.
22. Mineral cements. Their characteristics.
23. Conventional glass ionomer cements. Composition, properties, setting stages. Indications and application techniques.
24. Hybrid glass ionomer cements. Composition, properties, polymerization stages. Indications and application techniques.
25. Glass ionomer cements for isolating liners. Composition, properties, setting stages. Indications and application techniques.

26. Silver amalgam. Composition, properties, indications. Preparation and filling technique.
27. Composite materials, main components, classification.
28. Physicochemical properties of composite materials, indications for use.
29. Polymerization of composite materials. Polymerization lamps.
30. Chemical-cured composite materials. Composition, properties, polymerization stages. Indications for use. Work stages.
31. Light-cured composite materials. Composition, properties, polymerization stages. Indications for use. Work stages.
32. Condensable composites. Liquid materials. Composition, properties, indications for use.
33. Adhesive systems. Features of enamel and dentin structure. Mechanism of adhesion to dentin and enamel.
34. Features of filling Class I carious defects according to Black with various filling materials.
35. Features of filling Class II carious defects according to Black with various filling materials.
36. Contact point, definition, significance, methods of restoration. Matrices and matrix systems.
37. Features of filling Class III carious defects according to Black with various filling materials.
38. Features of filling Class IV carious defects according to Black with various filling materials.
39. Features of filling Class V carious defects according to Black with various filling materials.
40. Planning the construction of a restoration and selecting shades of filling material. Anatomical color diagnosis.
41. Stages of composite filling application using adhesive restoration technique.
42. Stages of tooth filling using the sandwich technique (open sandwich).
43. Stages of tooth filling using the sandwich technique (closed sandwich).
44. Complications during tooth filling, their prevention.
45. Pit and fissure sealants. Methods of fissure sealing.
46. Anatomical-topographic features of tooth and molar root canal cavities. Landmarks for creating endodontic access.
47. Anatomical-topographic features of tooth and premolar root canal cavities. Landmarks for creating endodontic access.
48. Anatomical-topographic features of tooth and incisor/cuspid root canal cavities. Landmarks for creating endodontic access.
49. Endodontist. Anatomical structure. Anatomic and physiological openings, radiographic apex.
50. Classification and standardization of endodontic instruments. Types of rotation of endodontic instruments in root canals.
51. Hand instruments for negotiating, enlarging, and shaping root canals. Operating rules.
52. Instruments for filling root canals. Operating rules.

53. Endomotors. Mechanical instruments.
54. Pulpitis, treatment methods. Biological method.
55. Vital pulp amputation. Indications, contraindications, stages of implementation.
56. Vital pulp extirpation. Indications, contraindications, stages of implementation.
Features of instrumental root canal treatment during pulpitis therapy.
57. Devitalizing pastes. Composition, mechanism of action, rules and application timelines.
58. Devital pulp amputation. Indications, contraindications, stages of implementation.
59. Devital pulp extirpation. Indications, contraindications, stages of implementation.
60. Periodontitis. Stages of periodontitis treatment. Lukomsky's "triple" principle of action.
61. Methods for determining root canal length.
62. Methods of instrumental root canal treatment. Standard method.
63. Methods of instrumental root canal treatment. Step Back.
64. Methods of instrumental root canal treatment. Crown Down.
65. Medication treatment of root canals, purpose, medications, methods.
66. Methods for enlarging poorly passable root canals.
67. Impregnation methods for root canal treatment. Silvering method.
68. Requirements for prepared root canal. Complications during root canal treatment, their prevention.
69. Classification of root canal filling materials. Requirements for them.
70. Plastic non-hardening materials for root canal filling, characteristics, indications, filling technique.
71. Plastic hardening materials for root canal filling, characteristics, indications, filling technique.
72. Primary hardening materials for root canal filling (posts), characteristics, indications, filling technique.
73. Technique of root canal filling using primary hardening materials. Central post method.
74. Root canal filling by lateral condensation method.
75. Root canal filling by vertical condensation method.
76. Root canal filling using obturation systems.
77. Complications during root canal filling, their prevention.
78. Methods of root canal obturation. Preparations for root canal obturation.
79. Root canal treatment technique with rotary nickel-titanium instruments.
80. Impregnation methods for root canal treatment. Resorcinol-formaldehyde method.

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