

MEDICAL UNIVERSITY - SOFIA
FACULTY OF DENTAL MEDICINE
DEPARTMENT OF PROSTHETIC DENTAL MEDICINE

EXAMINATION QUESTIONARY

CLINICAL PROSTHETIC DENTAL MEDICINE

2020

1. Masticatory apparatus disorders. Theories of disorders' etiology. Heredity and reactivity.
2. Masticatory apparatus disorders. Etiological factors – internal and external.
3. Disorder pathogenesis. Pathogenetic mechanisms. Basic pathogenetic mechanisms in medicine.
4. Functional pathology in dental medicine. Interrelation: part-whole; shape-function-reaction; local-general; peripheral-central.
5. Functional pathology of masticatory apparatus. Mechanisms.
6. Functional pathology of masticatory apparatus. Terminology.
7. Patient examination in prosthetic dental medicine. Registration, anamnesis, extraoral and intraoral tests.
8. Patient examination in prosthetic dental medicine. Paraclinical tests.
9. Diagnosis. Prognosis.
10. Indications and contraindications for prosthetic dental treatment
11. Treatment plan, epicrisis, disorder history.
12. Classification of prosthetic constructions.
13. Preparing oral cavity for prosthetic treatment.
14. Prosthetic treatment of destructio coronae dentis. Indications and contraindications.
15. Qualities of the crowns. Requirements depending on prevention, function and esthetics.
16. Kinds of crowns. Classification.
17. Clinic of temporary crowns. Methods for fabrication.
18. Clinic of permanent crowns. Full and partial crowns. Clinics.
19. Preparation of teeth. Methods.
20. Post and core restorations (post crowns).
21. Impression for complete crowns.
22. Protection of the prepared abutment.
23. Adjusting complete crowns.
24. Fixing complete crowns.

25. Removal of complete crowns.
26. Clinic of complete crowns. Clinical stages.
27. Metal crown.
28. Metal acrylic crown.
29. Metal ceramic crown.
30. Ceramic crown.
31. Abrasio dentes. Prophylactics and treatment.
32. Prophylactics and treatment of adentia partialis. Etiology, pathogenesis and prognosis.
33. Classification of partial edentulism.
34. Indications and contraindications for treatment of adentia partialis.
35. Comparative characteristics of bridges and partial dentures.
36. Godon phenomenon.
37. Prophylactics and treatment of adentia partialis with a fixed bridge prosthesis.
38. Planning of bridge prosthesis.
39. Clinics of bridge prosthesis. Clinical stages.
40. All metal bridge prosthesis, metal acrylic bridge prosthesis, metal ceramic bridge prosthesis.
41. Bridge prosthesis with retainers partial crowns.
42. Adhesive bridge prosthesis with extracoronal retainers.
43. Bridge prosthesis with cantilever pontic.
44. Full arch fixed restorations - long span bridges.
45. Bridge prosthesis with double crown attachments (telescopic crown attachments).
46. Immediate bridge prosthesis.
47. Classification of removable partial dentures.
48. Preparation for prosthetic treatment of the partially edentulous patient.
49. Prosthetic treatment with removable partial denture. Selection of denture, components, planning.
50. Planning of partial denture with resin denture base.
51. Planning of metal framework removable partial denture.

52. Clinic of partial dentures. Clinical stages.
53. Types of removable partial dentures. Plate denture with bent clasps.
54. Removable partial denture with resin (Kemeny) clasps.
55. Removable partial denture without clasps, with modified labial flanges, with lingual bar.
56. Metal framework partial dentures.
57. Combined prosthetic treatment – primary prosthesis (fixed segment) combined with secondary prosthesis (removable segment, removable partial denture).
58. Combined prosthetic treatment using special retainers. Removable partial denture with precision attachments.
59. Removable partial denture with double crown attachments (telescopic crown attachments).
60. Removable partial denture with Dolder bar – bar and sleeve attachment.
61. Combined dentures with milling technique.
62. Overdentures.
63. Occlusal trauma. Trauma of hard tooth structures.
64. Occlusal trauma. Trauma of periodontium.
65. Occlusal trauma. Trauma of masticatory muscles.
66. Occlusal trauma. Trauma of temporo mandibular joints - TMJ.
67. Parafunction. Bruxism and bruxomania.
68. Occlusal contacts. Premature occlusal contact and occlusal interference (deflective occlusal contact).
69. Selective grinding.
70. Teeth splinting. Temporary splinting – fixed and removable.
71. Teeth splinting. Permanent splinting – fixed and removable.
72. Indicators that determine the splinting type – number and condition of teeth, direction of mobility, types of stabilization.
73. Prophylactics and treatment of completely edentulous patients. Extraoral and intraoral changes – mucosa, bones, muscles and ligaments, TMJ, saliva.

74. Prophylactics and treatment of completely edentulous patients. Functional changes in speech, mastication, esthetics and neurology.
75. Diagnosis, prognosis and treatment plan for treatment of completely edentulous patients.
76. Indications and contraindications for treatment of completely edentulous patients. Conditions – neurogenic, allergy, professional, financial. Classification of complete dentures.
77. Surgical preparation for treatment of completely edentulous patients. Mucosa and bone surgery.
78. Impression for complete dentures – types, materials, impression trays.
79. Impression methods. Locomotive tests for upper and lower jaw.
80. Maxillo-mandibular relationship. Occlusal plane, vertical dimension. Methods.
81. Centric position. Methods for registration.
82. Centric position fixation. Lines' marking, selection of denture teeth and type of arrangement.
83. Try-in of the trial denture. Try-in spatula.
84. Delivery of complete dentures. Fitting, retention, stability, recommendations for the patient.
85. Relining complete dentures. Methods.
86. Special treatment methods for completely edentulous patients – prognathia, progenia, well developed tuber maxillae, gagging reflex, microstoma, allergy.
87. Complete denture with metal plate.
88. Immediate and intraalveolar complete dentures.
89. Implant restorations. Indications, contraindications, patient examination, paraclinical examination, preparation, implant placement.
90. Implant restorations. Treatment planning in Dental Implantology.
91. Implant supported prosthetic restorations. Clinical aspects.
92. Subperiosteal implants.
93. Prosthetic treatment of children.
94. Patient's adaptation to complete dentures.

95. Injuries of the masticatory apparatus as a result of prosthodontic treatment.
96. Costene syndrome.
97. Trauma of discus articularis.
98. Habitual luxation of TMJ.
99. Mechanotherapy of masticatory muscles.
100. Maxillofacial disorders - characteristics. Congenital and acquired disorders.
101. Types of maxillo-facial devices and dentures.
102. Prosthetic treatment of palatal defects. Obturators.
103. Post resection prosthetic treatment.
104. Ectoprostheses (epitheses).

Examination in Clinical Prosthetic Dental Medicine – sources for preparation of students:

1. Inside Prosthetic Dental Medicine Clinics, Sofia, 2016, prof. Andon Filtchev.
2. Lectures of prof. Yordanov and prof. Kamenova on Clinical Prosthetic Dental Medicine.
3. Lectures of Dr. Gerdzhikov on Maxillo-Facial Prosthetics.