MEDICAL UNIVERSITY OF VARNA
FACULTY OF DENTAL MEDICINE
DEPARTMENT OF
PROSTHETIC DENTAL MEDICINE

GOVERNMENT EXAMINATION SYLLABUS
OF
PROSTHETIC DENTAL MEDICINE

ACADEMIC YEAR 2016/2017


8. Indications and contraindications for prosthetic treatment. Treatment plan, epicrysis and medical history.


11. Technology used for producing metal-ceramic constructions.

12. CAD/CAM technology. Production of fixed non-metal constructions from zirconium dioxide with copying machines (pantograph).

13. Model casting technology for prosthetic constructions.


15. Temporary artificial crowns. Types and methods of fabrication.


23. Basic principles and options of prosthetic treatment in partial edentulous cases. Indications and contraindications, constructional and medico-biological principles. Advantages and disadvantages of fixed and removable prosthetic constructions.
26. Bridge with abutment retainers – full coverage metal crowns, metal crowns with esthetic resin/ceramic veneer (blended), metal-ceramic and all ceramic crowns.
27. Bridges with intra- and extra- coronal partial-coverage adhesive abutment retainers.
28. Cantilever fixed partial prosthetic restorations and fixed partial dentures-splints.
30. Impression materials and methods for fixed and removable prosthetic constructions.
32. Materials and methods for temporary and permanent fixation of fixed prosthetic restorations.
33. Materials and methods for fabrication of metal-ceramic constructions.
34. Materials and methods for fabrication of non-metal constructions from zirconium dioxide with copying machines (pantograph).

37. Retention and stabilization of removable partial dentures - major and minor connectors-types and main function.


40. Partial acrylic denture with resin clasps type “Kemeni”, without clasps; with other retentive elements.


42. Combined prosthetic treatment. Fixed prosthetic construction and removable partial denture with intracoronal retainers (minor connectors).

43. Combined prosthetic treatment. Fixed prosthetic construction and removable partial denture with telescopic crowns and milling technique.

44. Combined prosthetic treatment. Fixed prosthetic construction and removable partial denture with bar.

45. Types of partial overdentures.

46. Occlusion trauma. Occlusion trauma of hard tooth tissues, periodontium; masticatory muscles and temporomandibular joint.

47. Parafunctions. Bruxism and Bruxomania.


50. Indications which determine the type of splints – condition and number of teeth. Involving of occlusal surface or incisal edge. Direction of tooth mobility. Types of stabilization.


52. Examination of a patient with total edentulism. Indications and contraindications for prosthetic treatment of total edentulism. Conditions-
neurological, allergical, professional and material. Classification of complete
dentures.
53. Surgical preparation of the prosthetic field for prosthetic treatment of total
edentulism- mucosal and bone surgery.
54. Types of impressions for complete dentures- preliminary and final
Myodinamic tests for upper and lower edentulous jaw with opened and
closed mouth.
55. Methods for determining occlusal plane, height of jaw relation and centric
position of the mandible.
56. Methods for fixing the centric position of the mandible. Reference marks.
Choice of artificial teeth and types of artificial teeth arrangement.
57. Try in- with arranged artificial teeth. Spade check. Insertion of complete
dentures. Fit, function and stability of complete dentures. Instructions to the
patient. Patient’s adaptation to the dentures. Rebasing complete dentures-
methods.
58. Special treatment methods for complete edentulism- – prognatism, mandible
prognatism, hyper developed tuber maxillae, nausea reflex, micro stoma,
allergy. Complete denture with metal plate.
59. Immediate and intraalveolar complete denture.
60. Prosthetic treatment over endosteal implants. Indications, contraindications.
Paraclinical examinations, preparation, implantation, immobilization.
61. Prosthetic treatment over endosteal implants. Planning of fixed and
removable constructions. Construction principles for bridge constructions.
62. Prosthetic treatment over endosteal implants. Choice of impression
techniques.
63. Prosthetic treatment over endosteal implants. Choice of abutments
64. Subperiostal prosthodontics. Indications and contraindications. Clinical
protocol-preparation, impression, implantation, prosthodontic rehabilitation.
Reasons for unsuccessful implant treatment.
65. Prosthetic implant treatment of complete edentulism.
66. Prosthodontics in adolescence. Examinations, indications, contraindications,
requirements, clinic.
67. Damages of the masticatory apparatus caused by prosthetic treatment. Hard
tooth tissues, periodontium, teeth alignment, oral mucosa. Allergies,
patogalvanism, changes in the mandible relation, temporomandibular joints and masticatory muscles changes. Costen syndrome. Trauma of discus articularis. Habitual luxation.

Head of Department: .................................................................
/Assos. Prof. Metodi Abadjiev, DMD, PhD, D Sc/