

DEPARTMENT OF PROSTHETIC DENTAL MEDICINE
CURRICULUM OF LECTURES IN CLINICAL PROSTHETIC DENTAL MEDICINE

3 YEAR, 6 SEMESTER (summer),
15 weeks, 2 academic hours every second week

Lecturer: Prof. T. Uzunov, PhD
Assoc. Prof. D. Kirov, PhD

Tuesday, 8:00, 1st week, V aud.

Week	Topics of the lecture material
	PROSTHETIC TREATMENT OF PARTIAL EDENTULISM with FPDs
2 25.02.25	I. Prosthetic treatment with fixed partial dentures. Clinical and paraclinical examinations. Indications and contraindications. Treatment plan. Pre-prosthetic preparation.
4 11.03.25	II. Treatment planning with fixed partial dentures (FPDs). Principles for selecting abutments, retainers, and the pontic. Mechanical and functional-mechanical approaches (illustrative examples). Contributions of Bulgarian authors.
6 25.03.25	III. Clinical stages of treatment with fixed partial dentures: metal-ceramic (with partial and full coverage) and all-ceramic (monolithic and layered). Methods for removal of FPD.
8 08.04.25	IV. Intraoral scanners - types of intraoral scanners. Comparative characteristics between traditional impression methods and digital scanning. Preparing the prosthetic field for scanning. Techniques for intraoral scanning.
10 22.04.25	V. Clinic of fixed partial dentures with implant abutments. Combined prosthetic treatment - clinical stages.
	PROSTHETIC TREATMENT OF PARTIAL EDENTULISM with RPDs
12 06.05.25	VI. Planning of a framework removable partial denture. Selection of abutment teeth and retention elements. Support lines and support area (illustrative examples). Preparation for treatment with partial removable dentures.
14 20.05.25	VII. Clinical stages of treatment with partial dentures. Partial dentures without clasps, immediate partial dentures, tooth-supported/subtotal dentures - overdentures. VIII. Clinical stages of treatment with partial dentures. Partial dentures with mechanical joints, bars, telescope crowns, with milling technique.

FACULTY OF DENTAL MEDICINE – SOFIA
DEPARTMENT OF PROSTHETIC DENTAL MEDICINE
PROGRAM OF CLINICS
PROSTHETIC DENTAL MEDICINE

3th YEAR, 6th SEMESTER (summer)

15 weeks, 4 academic hours every week = 60 academic hours

Week	Exercise Topic
1	1. Acquisition of Mandillary Impression using stock trays and alginate material. Fabrication of working model. – demonstration. 2. Acquisition of Mandillary Impression using stock trays and alginate material. Fabrication of working model. – demonstration.
2	3. Taking an impression of the upper dental arch with a stock tray and alginate impression material, and pouring a working model. 4. Trimming the working model and marking reference points.
3	5. Taking an impression of the lower dental arch with a stock tray and alginate impression material, and pouring a working model. 6. Trimming the working model and marking reference points.
4	7. Fabrication of Palate Plate: Defining Boundaries on the Working Model and Waxing Techniques. – demonstration. 8. Fabrication of Palate Plate: Defining Boundaries on the Working Model and Waxing Techniques.
5	9. Fabrication of palate plate – adjustment. 10. Fabrication of palate plate – adjustment.
6	11. Demonstrating the process of obtaining a two-step double-layer impression and a one-step double-layer impression of the upper jaw using silicone impression materials. 12. Taking a two-step double-layer impression with silicone impression materials from the upper jaw.
7	13. Taking a two-step double-layer impression and a one-step double-layer impression with silicone impression materials from the lower jaw – demonstration. 14. Taking a two-step double-layer impression with silicone impression materials from the lower jaw.
8	15. Taking occlusion key – demonstration. Taking occlusion key from natural dentition. 16. Seminar: Impressions for non-removable prosthetic dentures.
9	17. Techniques for Taking Silicone Impressions for Temporary crowns on Teeth 11-21 Using Direct-Indirect Methods 18. Preparation of teeth 11 and 21 with a Chamfer finishing line.
10.	19. Preparation of teeth 11 and 21 with a Chamfer finishing line. 20. Preparation of teeth 11 and 21 with a Chamfer finishing line.
11.	21. Placement of a retraction cord on teeth 11 and 21. Demonstration 22. Placement of a retraction cord on teeth 11 and 21.

12	<p>23. Scanning of the upper dental arch with prepared teeth 11 and 12 and the lower dental arch. Occlusal registration. Demonstration.</p> <p>24. Scanning of the upper dental arch with prepared teeth 11 and 12 and the lower dental arch. Occlusal registration.</p>
13	<p>25. Scanning of the upper dental arch with prepared teeth 11 and 12 and the lower dental arch. Occlusal registration. Demonstration.</p> <p>26. Scanning of the upper dental arch with prepared teeth 11 and 12 and the lower dental arch. Occlusal registration.</p>
14	<p>27. Fabrication of temporary crowns on teeth 11 and 21 by direct technique.</p> <p>28. Fabrication of temporary crowns on teeth 11 and 21 by direct technique.</p>
15	<p>29. Adjustment of temporary crowns on teeth 11 and 21.</p> <p>30. Acceptance of practical work.</p>