

FACULTY OF DENTAL MEDICINE – SOFIA
DEPARTMENT OF PROSTHETIC DENTAL MEDICINE
CURRICULUM OF LECTURES, 2th YEAR, 4th SEMESTER (SUMMER)
15 weeks, 2 hours in a week = 30 academic hours

**Lecturer: Prof. T. Uzunov, Assoc. Prof. D. Kirov,
 Assoc. Prof. R. Todorov, Assoc. Prof. N. Apostolov**

Monday, 2nd week, 9:45, I Hall

Week	Lecture subjects:
	Removable partial dentures
2 03.03.2025	I. Removable partial dentures with wrought wire clasps. Metal-free partial dentures. Construction principles. Outline of polymer clasps. Technology.
	Prosthetic treatment of completely edentulous patients
4 17.03.2025	II. Introduction to complete dentures. Anatomy of edentulous mouth and corresponding landmarks. Preliminary impressions for complete dentures. Analysis of the casts.
6 31.03.2025	III. Retention, stability and support of complete denture. Final impressions for complete dentures. Fabrication of custom impression trays on the diagnostic casts. Fabrication of master casts. Demonstration
8 14.04.2025	IV. Establishing, recording and transferring maxilomandibular jaw relations. The use of a Gothic Arch Tracing to record Centric relationship. Placing reference marks on the occlusion rims. Fabrication of baseplates and occlusion rims. Demonstration
10 28.04.2025	V. Gnatology. Principles of occlusion in complete dentures. Balanced occlusal schemes. Bilateral balanced occlusion and Lingualized occlusion. Occlusal adjustment of complete dentures in a fully-adjustable articulator. Demonstration
12 12.05.2025	VI. Gnatology. Crossbite, prognathic and progenic arrangement. Wax modeling, flasking, polymerization, contouring and polishing the complete dentures. Demonstration+movie
14 26.05.2026	VII. Repairing, relining, rebasing in a complete denture. Immediate complete dentures. Demonstration VIII. Removable implant-supported overdentures. Hybrid dentures. Technology of maxillofacial prostheses.
16	IX. Complete denture fabrication with CAD/CAM technology. Additive and subtractive manufacturing technology. Comparative assessment of conventional and digital complete denture fabrication techniques.

FACULTY OF DENTAL MEDICINE - SOFIA
DEPARTMENT OF PROSTHETIC DENTAL MEDICINE
TRAINING LESSONS CURRICULUM ON PRECLINICAL PROSTHETIC DENTAL
MEDICINE
2nd YEAR, 4th SEMESTER
15 weeks with 4 hours of training lessons = 60 study hours

Week	Practical training subjects
Prosthetic treatment of completely edentulous patients	
1	I. Removable partial dentures technology. Type of retainers. Technology of bent clasps – single-arm (2 clasps) and double-arm (1 clasp) - demonstration
2	II. Removable partial dentures technology. Type of retainers. Technology of bent clasps. Jackson clasp. Lingual bar - demonstration
3	III. Removable partial dentures technology. Occlusal rims fabrication with base plates and pink wax – demonstration Removable partial dentures technology. Centric position registration and mounting in articulator – demonstration
4	IV. Removable partial dentures technology. Artificial teeth. Arrangement of artificial teeth for upper and lower partial dentures – demonstration Removable partial dentures technology. Wax modeling and investment of upper and lower partial dentures – demonstration
Prosthetic treatment of completely edentulous patients	
5	VI. Prosthetic treatment of edentulous patients. Model outlines. Maxillary and mandibular custom-made impression trays – demonstration
6	VII. Fabrication of baseplates and occlusion rims for upper and lower jaw. Placing reference marks on the models and relating the mandibular cast to the maxillary cast. Mounting the casts on an articulator – demonstration
7	VIII. First arrangement of artificial teeth after Gysi. Arrangement of anterior teeth, premolars and molars for maxillary complete denture – demonstration
8	IX. First arrangement of artificial teeth after Gysi. Compensating curves and arrangement of artificial teeth for mandibular complete denture – demonstration
9	X. Second arrangement of artificial teeth after Gysi. Wax modeling of maxillary and mandibular complete dentures.
10	XI. Flasking of denture paterens – demonstration
11	XII. Processing the acrylic resin – demonstration
12	
13	XIII. Retrieving the dentures from the flask, contouring and polishing of the complete dentures – demonstration
14	XIV. Adjustment of occlusion on complete dentures – occlusal principles – demonstration
15	XV. Presenting the complete dentures and baseplate to the main lecturer. Identification of extracted natural teeth.

