

Study program : DENTISTRY
Type and level of studies: Integrated academic studies, Level 1/2
Course unit: PROSTHODONTICS - PRECLINIC
Teacher in charge: Assistant Professor Marko Milosavljević, DMD, PhD
Language of instruction : ENGLISH
ECTS: 10
Prerequisites: Completed course in prosthodontics-preclinic
Semester: SUMMER SEMESTER
Course unit objective: Acquiring knowledge and skills in prosthodontics-preclinic.
<p>Learning outcomes of Course unit:</p> <ul style="list-style-type: none"> - Knowledge about stomatognathic system, anatomical and physiological characteristics - Knowledge about anatomy and physiology of the edentulous jaw, types of partial edentulous, clinical and laboratory procedures required for prosthetic therapy <p>Skills of:</p> <ul style="list-style-type: none"> - set the indication and appropriate prosthetic therapy plan - understand and connect laboratory and clinical phases in the making of prosthetic restorations - master the technique of making removable and fixed restorations - use materials and instruments as well as laboratory or clinical equipment and devices - takes impressions on phantom jaws
<p>Course unit contents</p> <p><i>Theoretical classes</i></p> <p>Anatomical and functional impressions of edentulous jaws, bite pattern. Determination of intermaxillary relationship. Determination of tooth position in patients with eugnathic relationship. Definitive tooth placement, final procedures in the making of complete dentures, repairs, corrections and relining of complete dentures. Acrylic removable partial dentures. Retention, stabilization and distribution of occlusal loads in partial dentures. Laboratory making of acrylic removable partial dentures. Application of dental surveyor in planning and making of removable dentures. Removable partial dentures (RPD), retention, stabilization, occlusal load distribution and management of RPD. Connecting elements of RPD. Laboratory making of RPD. Study models, individual tray and tooth preparation for cast faceted and ceramic restoration. Making the whole cast crown and preparation of the root canal. Making of ceramic restorations and making of anterior and posterior dental bridges.</p> <p><i>Practical classes</i></p> <p>Taking an anatomical impression on phantom jaws, making an individual tray, functional impression, making an anatomical model, making bite patterns, determining intermaxillary relations, tooth placement, making wire hooks, final procedures in making of removable prosthetic restorations, model analysis in dental surveyor and articulator, modeling of wax model for removable partial dentures for different types of partial edentulous, preparation of teeth on phantom jaw models for fixed prosthetic restoration, modeling of fixed restorations in wax for metal-ceramic crown, metal-ceramic bridge, faceted bridge.</p>
<p>Literature</p> <p>Lakshimi S. Preclinical Manual of Prosthodontics, 3rd ed, Elsevier India; 2018</p> <p>Phoenix RD, Cagna DR, DeFreest CF. Stewart's Clinical Removable Partial Prosthodontics, 4th ed., Quintessence Publishing Co. Inc., Chicago, IL; 2008</p>

Finbarr AP, McCarthy S. Complete Dentures: From Planning to Problem Solving, 2nd ed, Quintessence Publishing Co. Ltd., United Kingdom; 2012

Number of active teaching hours				Other classes
Lectures: 30	Practice: 60	Other forms of classes:	Independent work: 90	
Teaching methods: Lectures, practice in a clinic, clinical problems solving				
Examination methods (maximum 100 points)				
Exam prerequisites	No. of points:	Final exam	No. of points:	
Student's activity during lectures	30	oral examination	/	
practical classes/tests		written examination	70	
Seminars/homework				
Project				
Other				

Grading system		
Grade	No. of points	Description
10	95-100	Excellent
9	85-94	Exceptionally good
8	75-84	Very good
7	65-74	Good
6	55-64	Passing
5	< 54	Failing

Course unit description

