

SYLABUS

Subject:	<i>Prosthetic Dentistry 3</i>		
Study programme:	<i>Dental Medicine</i>	Semester:	<i>8. semester</i>
Valuation:	<i>absolved</i>	Obligation:	<i>obligatory</i>
Number of hours:	<i>1 h. lectures and 4 h.practicals / week</i>		<i>70 hours</i>

Place: Department of stomatology and Maxillofacial Surgery

1 st Department of Stomatology

**Department of Dentistry and Maxillofacial Surgery and Specialized Hospital
for Head and Neck Diseases, Academy of Košice, n.o.**

Thursday 15:00 – 16:30, PE, OTW

<i>Week</i>	<i>Lectures OTW PE</i>	<i>Practice</i>
1.	Introduction to problem of fixed bridges. Definition and basic components. Biomechanical considerations. 13.2.2025,15:00 16:30, PE	Repetition: prosthodontics as branch of dental medicine, prosthodontics medical chart, defectology of dental arches, division of dental replacements according to dental defect. Basic definition of fixed bridges, indications and contraindications and basic principles of the biostatics of the bridges. Evaluation of knowledges
2.	Examination of patient, treatment planning. Indications and contraindications of fixed bridges. 27.2.2025,15:00 16:30, PE	Indications and contraindications of fixed bridges, abutments constructions, pontics. Simple lineally aesthetic fixed bridge. Simple lineally sanitary bridge. Division of fixed bridges. Evaluation of knowledges
3.	Preparation of abutment teeth, impression technics in fixed prosthodontics. 13.3.2025,15:00 16:30, PE	Preparation technique – fixed bridges. Impression technique (two stage technique) and its practical application. Evaluation of knowledges
4.	Pillar constructions – basic requirements and reciprocal evaluation. Pontics and their modelation principles. 27.3.2025, 15:00 16:30, PE	Laboratory procedures and making proces of fixed bridge. Trial of the metal construction of the fixed bridges (aesthetic or sanitary). Occlusal correction. Selection of the colour of the teeth. Evaluation of knowledge
5.	Outline of laboratory procedures of fixed bridge. Modelation technic in dental laboratory, atypical solutions in distal and frontal regions, splinting bridges. 10.4.2025 15:00 16:30, PE	Delivery of the fixed bridge (aesthetic or sanitary) and temporary fixation. Permanent cementation of the fixed bridges (aesthetic or sanitary). Oral hygiene. Splinting bridge – definition, indications, contraindications. Evaluation of knowledges
6.	Cementation of fixed bridge (temporary and permanent) repairing	Preparation rules of abutment teeth – splinting bridge, impression technique.

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	and removable of fixed bridges. 24.4.2025, 15:00 16:30, PE	Correction of fixed bridges. Evaluation of knowledges
7.	Atypical solutions in fixed prosthodontics, metaloceramic specialities, intracoronal attachments. 8.5.2025, PE 15:00 16:30 - SVIATOK TEST FROM LECTURES	Atypical solutions in fixed prosthodontics, repetition of fixed replacements. Evaluation of knowledge. Repetition, credits

Specific conditions for passing the subject:

Completion of 100% participation in practical exercises and lectures. Continuous review with a record of assessment during clinical teaching. Passing a test from lectures with a minimum rating of 60%.

Final test with a grade of at least 60%.

Treatment procedures:

Complex prosthetic treatment plan 10 pacientov

Indication of prosthetic therapy 10 pacientov

X-ray evaluation 15

Preparation of abutments 15

Impressions for fixed prosthetics 7

Working procedure of RPD and total removable denture 4

Impressions for removable dentures 5

References:

Deepak Nallaswamy, Textbook of Prosthodontics, Jaypee Brothers Medical Publishers
ISBN: 2017, 9789351524441

Yasemin K.Ozkan, Complete Denture Prosthodontics , Springer International Publishing
AG , január 2019, ISBN: 3319690167

Stephen F. & Martin F., Contemporary fixed prosthodontics, 2006, ISBN-10: 0-323-02874-8

Herbert T. Shillingburg, Fixed Prosthodontics,1997, ISBN0-86715-201-X

George A. Zarb, Prosthodontic Treatment for Edentulous Patients: Complete Dentures and Implant-Supported, 2003, ISBN 0-323-02296-0