

SYLABUS

<b>Subject:</b>	<i>Prosthetic Dentistry 6</i>		
<b>Study programme:</b>	<i>Dental medicine</i>	<b>Semester:</b>	<i>11.-12. semester</i>
<b>Valuation:</b>	<i>State exam</i>	<b>Obligation:</b>	<i>obligatory</i>
<b>Number of hours:</b>			<i>132 hours</i>

**Place: Department of Stomatology and Maxillofacial Surgery a Akademia Kosice**  
**1 st Department of Stomatology**  
**Department of Stomatology and Maxillofacial Surgery**

<i>Week</i>	<i>Lectures</i>	<i>Practicals</i>
1.	Prosthetic treatment of cleft patient. Treatment planning and interdisciplinary cooperation in the treatment of clefts patients.  <b>2.09.2024 15:30-17:00 PU</b>	Review of accessories prosthetic materials (impression materials, model materials, waxes, investment materials, abrasive and polishing materials)
2.	Prosthetic treatment after surgical procedures. Prosthetic importance of implants, their division.  <b>3.09.2024 8:00-9:30 PU</b>	Introduction to the fixed prosthetic, repetition of administrative appointment, examination of patient in prosthetic, preprosthodontic treatment of teeth, constitution of prosthodontic card, technology of post and core ( direct and indirect method)
3.	Peculiarities (specialities) of prosthetic treatment of patients with periodontopathies. Treatment planning of splinting of dentition.  <b>5.09.2024 12:00-13:30 PU</b>	Treatment plan for fixed crown (complete castmetal crown, veneer crown, complete acrylic resin crown), making of study models, analysis, preparation of tooth for designed type of crown with teacher's checking, treatment of abutment tooth (impregnation or temporary crown), impression for making temporary crown.
4.	Splinting of the teeth by removable splints. Fixed splinting.  <b>6.09.2024 12:00-13:30 PU</b>	Trial of metal construction in fixed prosthodontic, teeth color choosing.
5.	Prosthodontics in childhood. Fixed and removable denture in childhood  <b>19.09.2024 15:00-16:30 PU</b>	Treatment plan for fixed bridge, impressions for study casts, study cast analysis, onset axis of fixed bridge, preparation of abutment teeth under teacher control, alginate impressions – evaluation of preparation and parallelity of abutments.

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6.	Problem of occlusion. Articulators and their division, practical using. <b>20.09.2024 15:00-16:30 PU</b>	Checking of metal construction of bridge
7.	Disturbances of TMJ. Etiology and diagnostic of TMJ disorders. <b>23.09.2024 15:00-16:30 PU</b>	General characteristic of removable partial dentures, prosthodontic chart, treatment plan for RPD, first impressions for study casts, analysis of study casts, design of metal construction.
8.	Prosthetic treatment of TMJ diseases and position in complex therapy <b>26.09.2024 15:00-16:30 PU</b>	Trial of RPD metal framework, artificial teeth choosing, discussion about laboratory analysis of cast, onset axis of RPD, dublation and moulding of metal framework.
9.	Rational procedures in fixed prosthodontics. Metaloceramic dentures. Photocuring resins in prosthodontics. <b>27.09.2024 16:30-18:00 PU</b>	Checking of exchanged RPD, abrasion and fitting of borders which induce the changes on mucosa, repairing of articulation, observation of mucosa status.
10.	Atypical solutions in complete dentures. Consultation topic by choice of students (before of state exam) <b>2.10.2024 16:30-18:00 PU</b>	Making of definite impressions in maxilla and mandible using individual impression tray, techniques of impressions (one stage tech. two stage tech., impressing with ZnO – eugenol paste)
11.	Prosthetic dentistry today. Consultation topic by choice of students (before of state exam) <b>3.10.2024 15:00-16:30 PU</b>	Trial of teeth in wax, checking of occlusion, articulation and aesthetic, static and dynamic rules for teeth position.

**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%.

**List of performances during clinical practice:**

Comprehensive plan of prosthetic treatment. 10 patients

Indicated prosthetic treatment method: 10 patients

Evaluation of radiograms - 15

Preparation of the pillar tooth- 15

Making impression in a fixed prosthodontics- 7

Partially removable and total dentures - 4

Making impressions in the removable prosthodontics - 5

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### **Recommended literature:**

Tvrdoň M., Čech I., Sokolová T.:Atlas of prosthodontic treatment, Science 2001,ISBN 809691008-6

National Learning Corp, Prosthodontics,2020

Irfan Ahmad, Prosthodontics at a Glance, 2012

Yasemin K. Özkan, Complete Denture Prosthodontics, 2019

Junhei Fujimoto, Contemporary Fixed Prosthodontics, 2015