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## SYLABUS

<b>Názov predmetu:</b>	<b><i>Prosthetic Dentistry 6</i></b>		
<b>Study programme:</b>	<i>Dental Medicine</i>	<b>Semester:</b>	<i>11.-12. semester</i>
<b>Valuation:</b>	<i>absolved</i>	<b>Obligation:</b>	<i>obligatory</i>
<b>Number of hours:</b>	<i>1 h.lecture and 5 h. practicals / week / block</i>		<i>132 hours</i>

**Place: Department of Stomatology and Maxillofacial Surgery**

**1<sup>st</sup>. Clinic of Stomatology**

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

**Lectures: lecture room PT**

<i>Týždeň</i>	<i>Prednášky</i>	<i>Cvičenia</i>
1.	<b>TMJ from the perspective of prosthetic dentistry</b> – functional disorders, etiology, classification of TMJ diseases  04.09.2025 13:30-15:00 <b>MDDr. Homzová, N.</b>	Review of theoretical knowledge and practical skills from previous semesters  Examination and treatment of a prosthetic patient, complete, independent work
2.	<b>TMJ from the perspective of prosthetic dentistry</b> – examination of a patient with TMJ disease: clinical examination, imaging methods  18.09.2025 13:30-15:00 <b>MDDr. Homzová, N.</b>	Examination and treatment of a prosthetic patient, complete, independent work, <b>checking theoretical knowledge</b>
3.	<b>TMJ from the perspective of prosthetic dentistry</b> – conservative TMJ therapy, prosthetic rehabilitation, splinting issues, principles of physiotherapy  02.10.2025 13:30-15:00 <b>MDDr. Homzová, N.</b>	Examination and treatment of a prosthetic patient, complete, independent work

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4.	<b>Prosthetic treatment of a periodontally compromised patient</b> – examination specifics, treatment plan, dental splinting – removable + fixed splints  16.10.2025 13:30-15:00 <b>MUDr. Ondrašovičová, J., PhD.</b>	Examination and treatment of a prosthetic patient, complete, independent work, <b>checking theoretical knowledge</b>
5.	<b>Prosthetic therapy of congenital facial defects – clefts</b>  30.10.2025 13:30-15:00 <b>MUDr. Jenčová, J., PhD.</b>	Examination and treatment of a prosthetic patient, complete, independent work
6.	<b>Prosthetic therapy of acquired facial defects</b> – obturation prostheses  13.11.2025 13:30-15:00 <b>MUDr. Šestáková, M., PhD</b>	Examination and treatment of a prosthetic patient, complete, independent work, <b>checking theoretical knowledge</b>
7.	<b>Dental implantology</b> – issues of the prosthetic phase of treatment, dental implants, indications, contraindications, evaluation and examination of the patient  27.11.2025 13:30-15:00 <b>MUDr. Kučera, J., PhD.</b>	Examination and treatment of a prosthetic patient, complete, independent work

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8.	<b>Dental implantology</b> – issues of the prosthetic phase of treatment, topic of loading of dental implant, abutment, supraconstruction  11.12.2025 13:30-15:00 <b>MUDr. Kučera, J., PhD</b>	Examination and treatment of a prosthetic patient, complete, independent work, <b>checking theoretical knowledge</b>
9.	<b>Repetition – consultation before the SE - general prosthetics</b>  08.01.2026 13:30-15:00 <b>MUDr. Ondrašovičová, J., PhD.</b>	Examination and treatment of a prosthetic patient, complete, independent work
10.	<b>Repetition – consultation before the SE - fixed prosthetics</b>  22.01.2026 13:30-15:00 <b>MUDr. Kučera, J., PhD.</b>	Examination and treatment of a prosthetic patient, complete, independent work, <b>checking theoretical knowledge</b>
11.	<b>Repetition – consultation before the SE - removable prosthetics</b>  05.02.2026 13:30-15:00 <b>MUDr. Šestáková, M., PhD</b>	<b>Presentation of the patient with a comprehensive prosthetic treatment plan</b> - writing out medical documentation, X-ray analysis, indication of pre-prosthetic rehabilitation, prosthetic treatment proposal with prosthetic label and description of the workflow for making prosthetic work.  <b>Evaluation of student performance and practical skills</b>

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**Minimum requirements for awarding credit for the subject Prosthetic Dentistry 6 and a list of procedures performed during clinical practice:**

- 1, **100% attendance at lectures**
- 2, **100% active participation in practical exercises** (knowledge verification is done orally or in writing)
- 3, **10x comprehensive examination of the prosthetic patient** with a complete medical documentation, X-ray analysis and a draft treatment plan for fixed restorations
- 4, **5x making study impressions and study models**
- 5, **1x making of the fixed restoration** ( pillar preparation, impressions, try in of metal framework, delivery of restoration)
- 6, **1x making of RPD** ( model analysis, impressions, design preparation, Mx-Mn relationship, try in of the RPD, delivery of RPD)
- 7, **1x making a complete removable restoration** (pre-prosthetic restoration, primary impressions, functional impressions, determination of the Mx-Mn relationship and selection of tooth color, wax-up of teeth, handover of the complete removable restoration, patient instruction, repair/adjustment of the complete removable restoration)
- 8, **1x making of the splint** ( relaxation splint with CJR determination) – examination of TMJ
- 9, **7x pre-prosthetic preparation:** DH, or filling of abutment/clasp tooth, or endodontic treatment of abutment, or tooth extraction

**Objective:** complex prosthetic treatment of the patient in condition of general dental surgery – examination of the patient, identification of the prosthetic problem, treatment planning, pre – prosthetic preparation of the patient, prosthetic therapy – fixed + removable restorations, education of the patient, recall

### **Recommended literature:**

- 1, Calvani Lino: Fundamentals of treatment planning, 2020
- 2, Clovis Pagani: Tooth preparations, 2017
- 3, Jakovac Marko: Protocol, standardisation in fixed prosthodontics, 2024
- 4, Sailer I., Fehmer, V., Pjetursson B.: Fixed restorations, a clinical guide to the selection of materials and fabrication technology, 2021
- 5, Naylor W. Patrick: Introduction to metal -Ceramic Technology, 2018
- 7, Chang T.L., Orellana, D., Beumer III, J.: Kratochvil's Fundamentals of Removable Partial Dentures, 2019
- 8, Benting H.: The art of complete Denture Therapy for the General Practitioner, 2022
- 9, Contemporary dental journals