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

Place: Department of Stomatology and Maxillofacial Surgery

1st. 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.	TMJ from the perspective of prosthetic dentistry – functional disorders, etiology, classification of TMJ diseases 03.09.2026 13:30-15:00 MDDr. Homzová, N.	Review of theoretical knowledge and practical skills from previous semesters Examination and treatment of a prosthetic patient, complete, independent work
2.	TMJ from the perspective of prosthetic dentistry – examination of a patient with TMJ disease: clinical examination, imaging methods 17.09.2026 13:30-15:00 MDDr. Homzová, N.	Examination and treatment of a prosthetic patient, complete, independent work, checking theoretical knowledge
3.	TMJ from the perspective of prosthetic dentistry – conservative TMJ therapy, prosthetic rehabilitation, splinting issues, principles of physiotherapy 01.10.2026 13:30-15:00 MDDr. Homzová, N.	Examination and treatment of a prosthetic patient, complete, independent work

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4.	Prosthetic treatment of a periodontally compromised patient – examination specifics, treatment plan, dental splinting – removable + fixed splints 15.10.2026 13:30-15:00 MUDr. Ondrašovičová, J., PhD.	Examination and treatment of a prosthetic patient, complete, independent work, checking theoretical knowledge
5.	Prosthetic therapy of congenital facial defects – clefts 29.10.2026 13:30-15:00 MUDr. Dobiášová Jenčová, J., PhD.	Examination and treatment of a prosthetic patient, complete, independent work
6.	Prosthetic therapy of acquired facial defects – obturation prostheses 12.11.2026 13:30-15:00 MUDr. Šestáková, M., PhD	Examination and treatment of a prosthetic patient, complete, independent work, checking theoretical knowledge
7.	Dental implantology – issues of the prosthetic phase of treatment, dental implants, indications, contraindications, evaluation and examination of the patient 26.11.2026 13:30-15:00 MUDr. Kučera, J., PhD.	Examination and treatment of a prosthetic patient, complete, independent work

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8.	Dental implantology – issues of the prosthetic phase of treatment, topic of loading of dental implant, abutment, supraconstruction 10.12.2026 13:30-15:00 MUDr. Kučera, J., PhD	Examination and treatment of a prosthetic patient, complete, independent work, checking theoretical knowledge
9.	Repetition – consultation before the SE - general prosthetics 07.01.2027 13:30-15:00 MUDr. Ondrašovičová, J., PhD.	Examination and treatment of a prosthetic patient, complete, independent work
10.	Repetition – consultation before the SE - fixed prosthetics 21.01.2027 13:30-15:00 MUDr. Kučera, J., PhD.	Examination and treatment of a prosthetic patient, complete, independent work, checking theoretical knowledge
11.	Repetition – consultation before the SE - removable prosthetics MUDr. Šestáková, M., PhD	Presentation of the patient with a comprehensive prosthetic treatment plan - 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. Evaluation of student performance and practical skills

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 prothetic 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