SYLABUS

Subject:	***Prosthetic Dentistry 5***		
Study programme:	*Dental Medicine*	**Semester:**	*10. semester*
Valuation:	*absolved*	**Obligation:**	*obligatory*
Number of hours:	*1 h. lectures and 3 h. practicals / week*		*56 hours*

Place: Department of Stomatology and Maxillofacial Surgery
1 st Department of Stomatology
Department of Stomatology and Maxillofacial Surgery and Specialized Hospital for Head and Neck Diseases, Academy of Košice, n.o

Lectures: Lecture room PM

Week	***Lectures***	***Practicals***
1.	**Introduction to the issue of complete removable dentures**, definition of complete removable dentures, design elements, issues of retention and stability of dentures, biomechanics of dentures **02.02.2026 09:45-11:15 PM** ***MUDr. Šestáková, M., PhD.***	**1, Review of theoretical knowledge and practical skills from the previous semester** – equipment of a prosthetic dental clinic, medical documentation and prosthetic label, ICD 10, division of individual procedures in prosthetic dentistry, code designation of procedures and dental prostheses + verification of knowledge from 1 lecture **2, Examination of the patient** – identification of physiological features of the orofacial system – basic gnathological points and planes, assessment of the patient's occlusion, X-ray analysis, identification of a dental defect, making study impressions and models of the jaws and design of prosthetic treatment + verification of knowledge from 1 lecture

2.	**Examination of the patient before the indication of complete removable dentures**, first-time wearer / patient already treated with complete removable dentures, specifics of the edentulous oral cavity and possibilities for improving the anatomical conditions of the prosthetic seat, prosthetic seat boundaries, treatment planning and relevant documentation **03.02.2026 09:45-11:15 PM** ***MUDr. Šestáková, M., PhD***	**3, Patient examination** – identification of physiological features of the orofacial system, assessment of the patient's occlusion, X-ray analysis, identification of the dentition defect, making study impressions and models of the jaws and design of prosthetic treatment, **pre-prosthetic treatment of the patient** – DH, conservative treatment, surgical treatment, **examination of the edentulous patient** + verification of knowledge from lectures 1 and 2 **4, Patient examination** – identification of physiological features of the orofacial system, assessment of the patient's occlusion, X-ray analysis, identification of the dentition defect, making study impressions and models of the jaws and design of prosthetic treatment, **pre-prosthetic treatment of the patient** – DH, conservative treatment, surgical treatment, **examination of the edentulous patient** + verification of knowledge from lectures 1 and 2
3.	**The workflow for making complete removable dentures** – 1. surgery and laboratory phase and their importance, 2. surgery and laboratory phase and their importance **04.02.2026 12:00-13:30 PM** **MDDr. Sinčák Konečná, A., PhD.**	**5, Patient examination** – identification of physiological features of the orofacial system, assessment of the patient's occlusion, X-ray analysis, identification of the dentition defect, making study impressions and models of the jaws and design of prosthetic treatment, pre-prosthetic treatment of the patient – DH, conservative treatment, surgical treatment, **treatments of the edentulous patient (1-5th phase)** + verification of knowledge from 1,2 and 3 lectures **6, Patient examination** – identification of physiological features of the orofacial system, assessment of the patient's occlusion, X-ray analysis, identification of

		the dentition defect, making study impressions and models of the jaws and design of prosthetic treatment, pre-prosthetic treatment of the patient – DH, conservative treatment, surgical treatment, **treatments of the edentulous patient (1-5th phase)** + verification of knowledge from 1,2 and 3 lectures
4.	**The workflow for making complete removable dentures** – 3th surgery and laboratory phase and their importance **Theories of articulation** **06.02.2026 08:00-09:30 PM** ***MDDr. Sinčák Konečná, A., PhD.***	**7, Patient examination** – identification of physiological features of the orofacial system, assessment of the patient's occlusion, X-ray analysis, identification of the dentition defect, making study impressions and models of the jaws and design of prosthetic treatment, pre-prosthetic treatment of the patient – DH, conservative treatment, surgical treatment, **treatments of the edentulous patient (1-5th phase)** + verification of knowledge from 1,2,3 and 4 lectures **8, Patient examination** – identification of physiological features of the orofacial system, assessment of the patient's occlusion, X-ray analysis, identification of the dentition defect, making study impressions and models of the jaws and design of prosthetic treatment, pre-prosthetic treatment of the patient – DH, conservative treatment, surgical treatment, **treatments of the edentulous patient (1-5th phase**) + verification of knowledge from 1,2,3 and 4 lectures
5.	**The workflow for making complete removable dentures** – 4th outpatient and laboratory phase and their importance, 5th outpatient phase, patient instruction when handing over the complete removable denture, issues	**9, Patient examination** – identification of physiological features of the orofacial system, assessment of the patient's occlusion, X-ray analysis, identification of the dentition defect, making study impressions and models of the jaws and design of prosthetic treatment, pre-

	of getting used to the denture, complications associated with wearing a complete removable denture and their solutions **09.02.2026 08:00-09:30 PM** ***MDDr. Sinčák Konečná, A., PhD.***	prosthetic treatment of the patient – DH, conservative treatment, surgical treatment, **treatments of the edentulous patient (1-5th phase)** + verification of knowledge from 1,2,3,4 and 5 lectures **10, Patient examination** – identification of physiological features of the orofacial system, assessment of the patient's occlusion, X-ray analysis, identification of the dentition defect, making study impressions and models of the jaws and design of prosthetic treatment, pre-prosthetic treatment of the patient – DH, conservative treatment, surgical treatment, **treatments of the edentulous patient (1-5th phase)** + verification of knowledge from 1,2,3,4 and 5 lectures
6.	**Immediate restorations** – definition and meaning of a restoration, workflow for making an immediate restoration. **Hybrid restorations** – definition and meaning of a restoration, workflow for making it. **Repairs of complete removable restorations, underlying and rebasing of the restoration.** **10.02.2026 12:00-13:30 PM** ***MDDr. Homzová, N.***	**11, Patient examination** – identification of physiological features of the orofacial system, assessment of the patient's occlusion, X-ray analysis, identification of the dentition defect, making study impressions and models of the jaws and design of prosthetic treatment, pre-prosthetic treatment of the patient – DH, conservative treatment, surgical treatment, **treatments of the edentulous patient (1-5th phase)** + verification of knowledge from 1,2,3,4,5 and 6 lectures **12, Patient examination** – identification of physiological features of the orofacial system, assessment of the patient's occlusion, X-ray analysis, identification of the dentition defect, making study impressions and models of the jaws and design of prosthetic treatment, pre-prosthetic treatment of the patient – DH, conservative treatment, surgical treatment, **treatments of the edentulous patient (1-5th phase)** + verification of knowledge from 1,2,3,4,5 and 6 lectures

7.	**Credit test** **13.02.2026 09:45-11:15 PM** ***MDDr. Homzová, N.***	**13, Patient examination** – identification of physiological features of the orofacial system, assessment of the patient's occlusion, X-ray analysis, identification of the dentition defect, making study impressions and models of the jaws and design of prosthetic treatment, pre-prosthetic treatment of the patient – DH, conservative treatment, surgical treatment, **treatment of an edentulous patient (phase 1-5)** + verification of knowledge from lectures 1,2,3,4,5 and 6 **14, Presentation of the patient with a comprehensive prosthetic treatment plan for total removable dentures** – writing out medical documentation, X-ray analysis, indication for pre-prosthetic rehabilitation, design of prosthetic treatment with a prosthetic label and description of the workflow for making a total removable denture in points. **Evaluation of the student's performance and practical skills.**

Minimum requirements for awarding credit for the subject Prosthetic Dentistry 5 and a list of procedures performed during clinical practice:

1, **100% attendance at lectures, 60% success rate in the final credit test**
2, **100% active participation in practical exercises** (knowledge verification is done orally or in writing)
3, **5x comprehensive examination of the prosthetic patient** with a complete medical documentation, X-ray analysis and a draft treatment plan for fixed restorations
4, **3x making study impressions and study models**

5, **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)
6, **3x pre-prosthetic preparation**: DH, or filling of abutment/clasp tooth, or endodontic treatment of abutment, or tooth extraction

Objective: complete examination and treatment of a patient with I., II., III., and IV. class of dental defects according to W.-V.

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