

## Course Description

<b>University:</b> <i>University of Presov</i>	
<b>Faculty/university workplace:</b> <i>Faculty of Health Care</i>	
<b>Code:</b> <i>6KDH/KLDH 5-ER/25</i>	<b>Course title:</b> <i>Practical Training In Dental Hygiene 5</i>
<b>Type, scope and method of educational activity:</b> Type of educational activity: <i>Practical seminar</i> Scope of educational activity: <i>30 hour per week, 390 per semester</i> Method of educational activity: <i>Attendance</i>	
<b>Number of credits:</b> <i>14</i>	
<b>Recommended semester:</b> <i>3rd year WT</i>	
<b>Study grade:</b> <i>Bachelor</i>	
<b>Prerequisites:</b> <i>Practical Training In Dental Hygiene 4, Dental Hygiene 4</i>	
<b>Conditions for completing the course:</b>  <i>The student is obliged to participate in 90% of the set range of exercises.</i>  <i>Continuous assessment:</i> During the semester, the student: <ul style="list-style-type: none"><li>- <i>performs clinical professional practice</i> in professional laboratories 1 and 2 at the FZO PU - Department of Dental Hygiene and at clinical contractual workplaces - DENT-PREV s.r.o. Prešov, Dental Hygiene Department at the J.A. Reiman University Hospital in Prešov and other dental workplaces on the basis of a cooperation agreement;</li><li>- during the performance of clinical professional practice at the contracted Department of Dental Hygiene at the J.A. Reiman University Hospital in Prešov, <i>he also carries out activities at specialized workplaces</i> (hospital departments) such as the Department of Oncology, the Department of Neurology, the Department of Geriatrics, the Department of Otorhinolaryngology, the Department of Head and Neck Surgery, the Department of Gynecology and Obstetrics, and others...) in more serious conditions, in high-risk patients.</li><li>- <i>performs clinical professional practice at periodontal workplaces</i>, where it focuses on dental and hygienic care of patients in the treatment of acute periodontal conditions, in the treatment of mucous membranes, in the treatment of implants (examination, motivation, instruction, treatment, recommendations, recall);</li><li>- <i>treats patients according to the specified type of patient in accordance with the Clinical Practice Recorder</i>, in which it also records all treated patients for the relevant semester;</li><li>- <i>processes 3 case reports of patients</i> (1x KAR, 1x PAR, 1xKAR-PAR/1x high-risk patient), presenting one case report to the teacher;</li><li>- is <i>continuously assessed</i> for practical skills;</li></ul> <i>Before the final assessment in the examination period, the student will also prove that at least 15 treated patients have been treated</i> in the Clinical Practice Recorder, which will be verified by the responsible person of the relevant clinical workplaces. If the student is not successful in all parts of the assessment (65% in total), he cannot participate in the final assessment in the exam period.  <i>Final assessment:</i> The course is completed by continuous assessment (PH). During the exam period, he/she will take 1 written test, an oral and a practical exam. The student's overall success rate must be at least 50.00%.  <i>Success criteria:</i> A - 100.00 - 90.00% B - 89.99 – 80.00% C - 79.99 – 70.00% D - 69.99 – 60.00% E - 59.99 – 50.00%.	

FX - 49.99% and below %

Participation in classes: *390 hours of direct load*

Case reports: *15 hours of indirect load*

Continuous assessment: *5 hours of indirect load*

Final assessment: *10 hours of indirect load*

**Educational outcomes:**

After completing the course, students are able to:

*Knowledge:*

- explain the examination and treatment of acute conditions of the periodontium, pulpparodontal complex;
- characterize the examination and treatment of oral mucous membranes, distinguish physiological and pathological conditions;
- describe the examination and treatment of the implant;
- explain the use of individual types of prognosis and in patient motivation;
- identify errors and changes in the prevention and treatment plan depending on the cooperation and response of tissues to treatment, in connection with repeated deterioration of oral hygiene;
- identify errors and changes in connection with repeated increased activity of caries, erosion;
- describe errors and changes in the prevention and treatment plan in connection with repeated increased activity of the periodontal vesic;
- describe errors of changes in the prevention and treatment plan in connection with insufficient education of staff, insufficient equipment of the outpatient clinic, little interest in the patient, inappropriate communication, damage to the patient;
- verifies the patient's preparation for periodontal surgical treatment;
- verbalizes the procedure for treating a patient with an acute periodontal condition chemical treatment.
- master the tooth sealing procedure and the materials used to seal teeth, sealing indications.

*Skills:*

- examine and treat all types of periodontal diseases, acute conditions of the periodontium, pulpparodontal complex,
- examine and treat some conditions of changes in the oral mucous membranes and tongue, distinguish between physiological and pathological conditions,
- examine and treat inflammation in the implant area,
- perform a complete subgingival periodontal treatment with various types of ultrasound,
- perform subgingival airflow,
- use individual types of prognosis to motivate the patient,
- treat high-risk and high-risk patients;
- carry out the treatment of patients with acute periodontal conditions, design a treatment plan and recall;
- re-evaluate errors and changes in the prevention and treatment plan depending on the cooperation and response of tissues to treatment, in connection with repeated deterioration of oral hygiene,
- reconsider errors and changes in the prevention and treatment plan in connection with repeated increased periodontal sac activity,
- reconsider errors and changes in the prevention and treatment plan in connection with repeated increased activity of tooth decay, erosion;
- realize tooth sealing.

*Competence:*

To use knowledge and skills for professional and personal development, especially in the form of:

- demonstrating the ability to independently examine the patient, determine the correct dental-hygienic diagnosis, draw up a prevention and treatment plan, motivate and instruct the patient in the field of individual oral care;
- demonstration of independence in the planning of risk management of mechanical, chemical and surgical treatments.
- design and critical thinking in compiling a plan for the prevention and treatment of patients in diseases of hard dental tissues, periodontium (microbial and nonmicrobial tissue damage, treatment options, determination of errors).

**Brief syllabus of the course:**

1. Prevention and treatment plan for patients with various oral diseases, including a plan for recall visits.
2. Examination and treatment of acute periodontal conditions, peri-implantitis.
3. Proposal for the treatment of microbial and non-microbial diseases of the teeth, periodontium, mucogingival

<p>area.</p> <ol style="list-style-type: none"> <li>4. Work management of a dental hygienist. Setting the goals of the prevention plan and the treatment plan. Drawing up a preliminary and definitive preventive and treatment plan.</li> <li>5. Cooperation with the dentist, with specialties.</li> <li>6. Errors in the prevention and treatment plan, their analysis.</li> <li>7. DNA analysis.</li> <li>8. Specifics of dental and hygienic care for high-risk and high-risk patients.</li> <li>9. The use of blood plasma in the treatment of periodontium.</li> <li>10. Sealing teeth.</li> </ol>												
<p><b>Recommended reading:</b></p> <ol style="list-style-type: none"> <li>1. Kovaľová, E. a kol. 2024. <i>Parodontológia 6 – Neovplyvniteľné rizikové faktory zmien orálnych tkanív. Biológia – Imunológia – Genetika</i>. Prešov: Vydavateľstvo Michal Vaško, 2024. 276s. ISBN 978-80-8198-071-8.</li> <li>2. Kovaľová, E. a kol. 2024. <i>Manažment vyšetrenia, ošetrovania a kontrol v dentálnom tíme</i>. Prešov: Vydavateľstvo Michal Vaško, 2024, 153s. ISBN 978-80-8198-070-1.</li> <li>3. Kovaľová, E., a kol. 2017. <i>Parodontológia II – Mechanická liečba parodontu – Orálna hygiena VII</i>. Prešov: vydavateľstvo Michal Vaško, 2017. 468 s. ISBN 978-80-8198-005-3.</li> <li>4. Kovaľová, E., a kol. <i>Parodontológia III – Chemická liečba parodontu – Orálna hygiena VIII</i>. Prešov: vydavateľstvo Michal Vaško, 2017. 348s. ISBN 978-80-8198-007-7.</li> <li>5. Kovaľová, E. a kol. 2024. <i>Manažment vyšetrenia, ošetrovania a kontrol v dentálnom tíme</i>. Prešov: Vydavateľstvo Michal Vaško, 2024, 153s. ISBN 978-80-8198-070-1.</li> <li>6. Kovaľová, E., Ivančová, E. 2022. <i>Klasifikácia stavu orálnych tkanív. Extraorálne vyšetrenie</i>. Prešov: Vydavateľstvo Michal Vaško, 2022. 81s. ISBN 978-80-8198-069-5.</li> <li>7. Kovaľ, A., a kol. 2024. <i>Brúsenie parodontologických nástrojov, Dezinfekcia v dentálnej praxi</i>. Vydavateľstvo Michal Vaško, 2024. 202s. ISBN 978-80-8198-050-3.</li> <li>8. Šestáková, M., a kol. 2016. <i>Propedeutika. Protetické zubné lekárstvo a čeľustná ortopédia</i>. 1.vydanie. Košice: Rotaprint, 2016. 208 s. ISBN 978-80-972254-9-0.</li> <li>9. Timková, S., a kol. 2016. <i>Ochorenia jazyka</i>. Košice: Vydavateľstvo JES SK, 2016. 104 s. ISBN 978-80-88900-88-7.</li> <li>10. Araujo, E, Ballarin, A, Briso, ALF, Costa, CADS, Croll, TP, Donly, KJ, Galinari, MO, Ginjeira, A, Gomes, G, Hebling, J., Tooth whitening—an evidence-based perspective. New York (NY): Springer 2016. 280 s. ISBN 9783319817637.</li> </ol>												
<p><b>Language which is necessary to complete the course:</b> <i>english</i></p>												
<p><b>Notes:</b> <i>The student is obliged to attend 80% of the specified lectures and 90% of the specified practicals. The conditions for the semester thesis are published on the FZO PU website under the instructions for students in the section "Education and specialisations". For students with specific needs, an individualized approach is provided based on the recommendation of the faculty coordinator for students with specific needs.</i></p>												
<p><b>Course evaluation:</b></p> <table border="1" style="width: 100%; text-align: center;"> <tr> <td>A</td> <td>B</td> <td>C</td> <td>D</td> <td>E</td> <td>FX</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	A	B	C	D	E	FX						
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<p><b>Lecturers:</b> <i>PhD. doc. MUDr. Eva Kovaľová, PhD., MUDr. Tatiana Klamárová,</i></p>												
<p><b>Date of last change:</b> <i>24.3.2026</i></p>												
<p><b>Approved by:</b> <i>doc. MUDr. Eva Kovaľová, PhD. - guarantor</i></p>												