

## 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 6-ER/25</i>	<b>Course title:</b> <i>Practical Training In Dental Hygiene 6</i>
<b>Type, scope and method of educational activity:</b> Type of educational activity: <i>Practical seminar</i> Scope of educational activity: <i>20 hour per week, 260 per semester</i> Method of educational activity: <i>Attendance</i>	
<b>Number of credits:</b> <i>9</i>	
<b>Recommended semester:</b> <i>3rd year ST</i>	
<b>Study grade:</b> <i>Bachelor</i>	
<b>Prerequisites:</b> <i>Practical Training In Dental Hygiene 5, Dental Hygiene 5</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>- <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>will expand the processed 3 case reports of patients</i> from the winter semester (1x KAR, 1x PAR, 1xKAR-PAR/1x high-risk patient), in which there will be at least one recall visit.</li><li>- <i>is continuously assessed</i> for practical skills;</li></ul> Before the final assessment in the examination period, <i>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 an exam (S). The final evaluation includes the presentation of at least two case reports of patients with complete documentation with at least one recall and an evaluation from the Student's Clinical Practice Recorder. 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: <i>260 hours of direct load</i> Case reports: <i>5 hours of indirect load</i> Final assessment: <i>5 hours of indirect load</i>	

**Educational outcomes:**

After completing the course, students are able to:

**Knowledge:**

- describe the examination and treatment of microbial and non-microbial diseases of the teeth, periodontium, mucogingival area and mucous membranes;
- define chemical treatments for diseases of the teeth, periodontium and mucous membranes;
- specify the indication of individual surgical interventions on the periodontium and in the mucogingival area;
- identify and explain the indication of antibiotic treatment depending on the clinical manifestations of periodontitis, peri-implantitis;
- interpret Full mouth disinfection and its possibilities of use in the treatment of oral diseases;
- describe all types of teeth whitening, indications, errors, contraindications, patient instructions;
- define the types, forms and methods of application of local anesthesia, know the indications/contraindications;

**Skills:**

- examine and treat microbial and non-microbial diseases of the teeth (except tooth decay), periodontium, mucogingival area and mucous membranes,
- indicate chemical treatment of diseases of the teeth, periodontium and mucous membranes,
- indicate individual surgical interventions on the periodontium and in the mucogingival area,
- indicate antibiotic treatment depending on the clinical manifestations of periodontitis, peri-implantitis in cooperation with the dentist,
- apply local anesthesia during treatment,
- Perform Full mouth disinfection.
- treat non-invasive and minimally invasive sensitive tooth necks,
- determine the risk of tooth decay, periodontitis and create a recall content according to the type of patient, the condition and risk of the disease and the patient's health condition, patient type, age, health status;
- change the management of the work of the dental hygienist in compiling a plan of mechanical, chemical and surgical treatment based on the detected errors in the prevention and treatment plan,
- apply appropriate marketing, marketing mix in the practice of a dental hygienist, perform a SWOT analysis,
- draw up a proposal for dental hygiene practice, define legal regulations.

**Competence:**

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

- demonstrating the ability to implement knowledge and skills in the development of a prevention and treatment plan for patients with oral diseases;
- demonstration of independence in the management of dental hygiene practice, support and protection of oral health of individual types of patients according to age.
- demonstration of critical thinking in compiling a plan for the prevention and treatment of patients in diseases of hard dental tissues, periodontium (microbial and non-microbial tissue damage, treatment options, determination of errors).
- demonstrating the ability to take responsibility for one's own work in the investigation and treatment of patients with oral diseases, in the treatment and prevention plan.

**Brief syllabus of the course:**

1. Practical compilation of a prevention and treatment plan, the content of the recall according to the overall state of health, the type of risk and the condition.
2. Complete chemical treatment of diseases of the teeth, periodontium and mucous membranes.
3. Surgery and prosthetic treatment in periodontology.
4. Microbiological and genetic examination.
5. Full mouth disinfection.
6. Treatment of sensitive tooth necks. Recall.
7. Management of the work of a dental hygienist in compiling a plan of mechanical, chemical and surgical treatment based on detected errors in the prevention and treatment plan.
8. Marketing, marketing mix in the practice of a dental hygienist. SWOT analysis. Setting up a dental hygiene practice, legal regulations.
9. Management of individual procedures according to the type of patient, age, health condition.

**Recommended reading:**

1. Koval'ová, E. a kol. 2024. *Parodontológia 6 – Neovplyvniteľné rizikové faktory zmien orálnych tkanív. Biológia – Imunológia – Genetika*. Prešov: Vydavateľstvo Michal Vaško, 2024. 276s. ISBN 978-80-8198-

071-8.												
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.												
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.												
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.												
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.												
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.												
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.												
8. Šestáková, M., a kol. 2016. Propedeutika. Protetické zubné lekárstvo a čeľustná ortopédia. 1.vydanie. Košice: Rotaprint, 2016. 208 s. ISBN 978-80-972254-9-0.												
9. Timková, S., a kol. 2016. <i>Ochorenia jazyka</i> . Košice: Vydavateľstvo JES SK, 2016. 104 s. ISBN 978-80-88900-88-7.												
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.												
<b>Language which is necessary to complete the course:</b> <i>english</i>												
<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".</i> <i>For students with specific needs, an individualized approach is provided based on the recommendation of the faculty coordinator for students with specific needs.</i>												
<b>Course evaluation:</b>												
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<b>Lecturers:</b> <i>doc. MUDr. Eva Kovaľová, PhD., MUDr. Tatiana Klamárová, PhD.</i>												
<b>Date of last change:</b> <i>24.3.2026</i>												
<b>Approved by:</b> <i>doc. MUDr. Eva Kovaľová, PhD. - guarantor</i>												