

## 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/DEHA3-ER/25</i>	<b>Course title:</b> <i>Dental Hygiene 3</i>
<b>Type, scope and method of educational activity:</b> Type of educational activity: <i>Lecture, Practical seminar</i> Scope of educational activity: <i>2,4 hour per week, 26,52 per semester</i> Method of educational activity: <i>Attendance</i>	
<b>Number of credits:</b> <i>3</i>	
<b>Recommended semester:</b> <i>2nd year WT</i>	
<b>Study grade:</b> <i>Bachelor</i>	
<b>Prerequisites:</b> <i>6KDH/DEHA2/22 - Dental Hygiene 2</i>	
<b>Conditions for completing the course:</b>  The student is obliged to attend 90% of practical teaching and 80% of the set range of lectures.  <i>Continuous assessment:</i> The course is completed by an ontinuous assessment (PH). During the semester, the student takes continuous knowledge tests (65% success rate). In practical exercises, the student performs treatment according to the Guided Biofilm Therapy (GBT) procedure, work with ultrasound devices with various types of tips, supragingival and subgingival airpolysis, practice of working with hand tools in the subgingival area - deep cleaning and stroking of the tooth root. If a student is not successful in all parts of the interim assessment (65% in total), he or she cannot participate in the final assessment.  <i>Final assessment:</i> The course is completed by interim evaluation (PH). Practical exam, which is conditioned by successfully completed written test: practical exam - 50% success, written test - 50.00% success. 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>78 hours of direct load</i> Written test: <i>5 hours of indirect load</i> Preparation for the mid-term assessment: <i>7 hours of indirect load</i>	
<b>Educational outcomes:</b> After completing the course, students are able to: <i>Knowledge:</i> <ul style="list-style-type: none"> <li>- define and interpret in their own words the basic concepts of periodontology and cariology</li> <li>- clinically examine and distinguish between healthy and pathologically altered gums, mucosal-gingival area and changes in hard dental tissues</li> <li>- on the basis of the examination, be able to properly motivate, instruct and treat patients</li> <li>- describe the procedure for examining and determining the differential diagnosis of gum and mucosal-gingival diseases,</li> <li>- theoretically describe the individual options of teeth whitening and determine the correct indications and contraindications of teeth whitening</li> </ul>	

**Skills:**

- describe complete supragingival and subgingival periodontal treatment with periodontal instruments,
- describe complete supragingival and subgingival periodontal treatment with ultrasound and sandblasting according to the most modern procedures such as Guided biofilm therapy (GBT)
- indicate chemical treatment of the supragingival and subgingival area by means of properly selected active substances in preparations
- describe the procedure of home and professional teeth whitening

**Competence:**

Use knowledge for professional and personal development, especially in the form of:

- independently examine and treat the patient according to the latest procedures in dental hygiene (GBT)
- independently determine the patient's suitable device and preparation for home use on the basis of the patient's examination

evaluate the respect for the division of tasks in the diagnosis and treatment of periodontal and hard dental tissue diseases in cooperation between a dental hygienist and a dentist

**Brief syllabus of the course:**

1. Periodontal and hard dental tissue examination
2. Differentiation between healthy and pathologically altered gums, muco-gingival area and hard dental tissues
3. Teeth whitening
4. Motivation, instruction and recommendations of preparations for individual patients
5. Differential diagnosis of diseases of the gums and muco-gingival area and hard dental tissues
6. Preparation of a prevention and treatment plan
7. Supragingival and subgingival skateboarding, ultrasound
8. Guided biofilm therapy, division of tasks in the diagnosis and treatment of diseases in the muco-gingival area and hard dental tissues

**Recommended reading:**

1. Kovaľová, E., a kol. 2017. *Parodontológia II – Mechanická liečba parodontu – Orálna hygiena VII*. Prešov: vydavateľstvo Michal Vaško, 2017. 468 s. ISBN 978-80-8198-005-3.
2. Kovaľová, E. 2013. *Motivačný atlas*. Prešov: Vydavateľstvo P. Šidelský Akcent Print, 2013. 22s. ISBN 978-80-9694-190-2.
3. Kovaľová, E., Eliašová, A. a kol. 2010. *Orálna hygiena II.,III.* Prešov: Vydavateľstvo Pavol Šidelský, Akcent Print, 2010. 680 s. ISBN 978-80-8929-524-1.
4. Kovaľová, A., Klamárová, T., Müller, A. 2012. *Orálna hygiena IV.* Prešov: Prešovská univerzita v Prešove, 2012, s. 324. ISBN 978-80-555-0567-1.
5. Kovaľová, E., Novák, B. 2013. *Orálna hygiena V.* Prešov: Vydavateľstvo Pavol Šidelský, Akcent Print, 2013. 112 s. ISBN 978-80-8929-539-5.
6. Mazánek, J. a kol. 2015. *Stomatologie pro dentální hygienistky a zubní instrumentárky*. Praha: Grada Publishing, 2015, 288 s. ISBN 978-80-24-4-865-8.

**Language which is necessary to complete the course:**

*english*

**Notes:**

*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.*

**Course evaluation:**

A	B	C	D	E	FX

**Lecturers:**

*PhDr. Bc. Ludmila Andraščíková, PhD, MBA, MPH.*

*Mgr. Bc. Silvia Dolácká, PhDr. Michal Ferko, PhDr. Bc. Gabriela Benková*

**Date of last change:**

*24.3.2026*

**Approved by:** *doc. MUDr. Eva Koval'ová, PhD. - guarantor*