

## 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/DEHA1-ER/25</i>	<b>Course title:</b> <i>Dental Hygiene 1</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>1st year WT</i>	
<b>Study grade:</b> <i>Bachelor</i>	
<b>Prerequisites:</b>	
<b>Conditions for passing the course:</b> <b>Form of assessment:</b> <b>Final evaluation:</b> <i>The course is completed with an interim assessment. During the semester, the student prepares and presents a term paper based on translations from scientific and professional foreign journals (20 % of the course grade).</i> <i>During the examination period, the student takes a knowledge test and an oral examination (80 % of the course grade). Success criteria: to obtain grade A, the student must obtain at least 90.00%, to obtain grade B 89.99-80.00%, to obtain grade C 79.99-70.00%, to obtain grade D 69.99-60.00%, to obtain grade E 59.99-50.00%. A student scoring 49.99% or less will be graded with a grade of FX. The final grade will be calculated as the average of the activity grade over the semester, the term paper, the knowledge test, and the oral response.</i> <b>Student Load :</b> <i>Class participation : 78 hours of student preparation - direct course load</i> <i>Seminar paper - 5 hours of student preparation - indirect load</i> <i>7 hours of independent study and preparation - indirect workload</i>	
<b>Learning outcomes:</b> - Upon completion of the course, students will be able to: <b>Knowledge:</b> - Define and interpret in their own words the basic concepts of periodontology and cariology - clinically examine and differentiate between healthy and pathologically altered gingiva, mucogingival area and changes in hard dental tissues - be able to motivate, instruct and treat patients correctly on the basis of the examination - describe the procedure for the examination and differential diagnosis of diseases of the gingiva and mucogingival region, - theoretically describe the various options for tooth whitening and determine the correct indications and contraindications for tooth whitening <b>Skills:</b> - Describe the complete supragingival and subgingival periodontal treatment with periodontal instruments, - describe complete supragingival and subgingival periodontal treatment with ultrasound and sandblasting methods according to state-of-the-art techniques such as Guided Biofilm Therapy (GBT) - indicate the chemical treatment of the supragingival and subgingival area by means of correctly selected active substances in preparations - describe the procedure for home and professional teeth whitening <b>Competencies:</b> To use knowledge for professional and personal development especially in the form of: - to independently examine and treat patients according to the most up-to-date procedures in dental	

hygiene

- independently determine the appropriate appliance and preparation for home use for the patient on the basis of the patient's examination

- to evaluate the respect of the division of tasks in the diagnosis and treatment of periodontal and hard dental

diseases in cooperation between the dental hygienist and the dentist

**Course content:**

Basic concepts of dental hygiene. Individual oral hygiene, oral health care system, dental cleaning techniques and oral hygiene aids. Mechanical and chemical means of oral hygiene. Motivation. Instruction. Basic equipment of dental hygienist. Tool grinding.

**Recommended literature :**

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:**

Total number of students evaluated: 230

A	B	C	D	E	FX

**Lecturers:**

Prednášky: PhDr. Bc. Ľudmila Andraščíková, PhD, MBA, MPH.

Cvičenia: Mgr. Bc. Silvia DolackáPhDr. Michal Ferko

**Date of last change:**

28.02.2025

**Approved by:** doc. MUDr. Eva Kovaľová, PhD. - garant