

Course Description

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KDH/DEHA4-ER/25</i>	Course title: <i>Dental Hygiene 4</i>
Type, scope and method of educational activity: 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>	
Number of credits: <i>3</i>	
Recommended semester: <i>2nd year ST</i>	
Study grade: <i>Bachelor</i>	
Prerequisites: <i>6KDH/DEHA3/22 - Dental Hygiene 3</i>	
Conditions for passing the course: Form of assessment: <i>The course is completed with an interim assessment. During the semester, the student will prepare and present a power point (PP) presentation based on scientific and professional domestic and foreign journals (20% of the course grade). During the examination period, the student takes a knowledge test and an oral examination (80 % of the course grade).</i> <i>The student must obtain at least 90.00% for an A grade, 89.99-80.00% for a B grade, 79.99-70.00% for a C grade, 69.99-60.00% for a D grade, and 59.99-50.00% for an E grade. 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 knowledge test, and the oral response.</i> Student Load : <i>Class participation : 78 hours of student preparation - direct course load</i> <i>PowerPoint presentation - 5 hours of student preparation - indirect load</i> <i>Independent study and preparation 7 hours - indirect burden</i>	
Learning outcomes : <i>Upon completion of the course, students will be able to:</i> Knowledge: <ul style="list-style-type: none"> - <i>define all types of periodontal examinations, differentiate between healthy and pathologically altered periodontal, mucosal and lingual tissues,</i> - <i>explain the examination of the differential diagnosis of dental implants</i> - <i>classify diseases of the hard tissues of the teeth and periodontium, and dental implants</i> - <i>review and record diseases of the hard tissues of the teeth, periodontium and dental implants in dental hygiene and medical records,</i> - <i>divide the treatment of hard dental tissues, periodontal disease and dental implants into mechanical, chemical and invasive (surgical) treatments,</i> - <i>explain the assessment of risk factors affecting the prognosis of oral diseases according to the different types of patient (pregnant woman, child according to age, patient with orthodontic appliance, patient with implant)</i> - <i>analyse the relationship between the presence of plaque and the progression of hard dental tissue and periodontal disease,</i> - <i>analyse the relationship between bleeding and the progression of periodontal disease,</i> - <i>analyse the relationship between nutritional status, fluoridation and the progression of hard dental tissue disease,</i> - <i>differentiate between the different tooth whitening options and determine the correct indications and contraindications for tooth whitening</i> Skills: <ul style="list-style-type: none"> - <i>describe the complete subgingival periodontal treatment with periodontal instruments</i> - <i>describe surgical and subgingival sandblasting of teeth</i> 	

- describe complete subgingival periodontal treatment with ultrasound,
- describe fluoridation of teeth, recommend a form of fluoridation,
- describe the chemical treatment of the periodontal sac,
- describe non-microbial pathological changes in hard dental tissues
- consult with the dentist on individual pathological changes

Competencies:

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

- independently examine and treat patients according to the most modern procedures in dental hygiene
- independently determine the appropriate appliance and preparation for the patient for home use on the basis of the patient's examination
- develop a prevention and treatment plan specifically for the type of patient

Course content:

HF and recall in all types of patients, in children, microbiological tests for the examination of manifestations of severe periodontitis, vesicles more than 6mm, teeth whitening, periodontal surgery, prosthetics in periodontology, implants, polishing, ultrasound, photography, diagnodent, laser, vector, air-flow, intra-oral camera

IOH: practice: IOH plan according to patient type

POH: practice: plaque detection, working with other instruments

practice clinic - patients with 6 mm - 12 mm sacs

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. 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 978331981763

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. Ľudmila Andraščíková, PhD, MBA, MPH.

Mgr. Bc. Silvia Dolacká, PhDr. Michal Ferko, Bc. Danko Pavelová

Date of last change:

28.02.2025

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

