

Course Description

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: 6KDH/DEHA5-ER/25	Course title: Dental Hygiene 5
Type, scope and method of educational activity: Type of educational activity: <i>Practical seminar</i> Scope of educational activity: <i>52 per semester</i> Method of educational activity: <i>Attendance</i>	
Number of credits: 3	
Recommended semester: <i>3rd year WT</i>	
Study grade: <i>Bachelor</i>	
Prerequisites: <i>6KDH/DEHA4/22 - Dental Hygiene 4</i>	
Conditions for passing the course:	
Form of assessment: 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). 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.	
Student Load : Class participation : 52 hours of student preparation - direct course load PowerPoint presentation - 5 hours of student preparation - indirect burden Independent study and preparation 33 hours - indirect burden	
Learning outcomes : Upon completion of the course, students will be able to: Knowledge: - describe the examination and treatment of all types of periodontal disease; - explain the examination and treatment of acute periodontal conditions, pulpoperiodontal complex; - characterize the examination and treatment of oral mucosa; distinguish between physiological and pathological conditions; - describe the examination and treatment of implants; - explain the use of different types of prognosis and in patient motivation; - identify errors and changes in the prevention and treatment plan, depending on cooperation and tissue response to treatment, in the context of recurrent oral hygiene deterioration; - identify errors and changes in relation to recurrent increased caries activity, erosion; - describe errors and changes in prevention and treatment plans in relation to recurrent increased periodontal calculus activity; - describe errors and changes in the prevention and treatment plan related to inadequate staff education, inadequate office equipment, low patient interest, inappropriate communication, patient harm. Skills: - implement identification of complete subgingival periodontal treatment with various types of ultrasound; - demonstrate the ability to differentiate between healthy and pathologically altered tissues in the implant area; - demonstrate subgingival airflow work according to patient type; - practically evaluate errors and changes in the prevention and treatment plan depending on	

cooperation and tissue response to treatment, in the context of recurrent poor oral health;
 - practically evaluate errors and changes in the prevention and treatment plan in relation to recurrent increased periodontal pouch activity;
 - practically evaluate errors and changes in relation to repeated increased caries activity, erosion.

Competencies:

Use knowledge for professional and personal development especially in the form of:
 - design and critical thinking skills in developing a plan for prevention and treatment of patient's hard dental tissue, periodontal disease (microbial and non-microbial tissue damage, treatment options, defect determination);
 - elements of risk management in the design of mechanical, chemical and surgical treatment plans;
 - demonstration of social competence in dealing with problems related to inadequate staff training, equipment in the outpatient clinic, poor patient care and inappropriate communication.

Course content:

Complete prevention and treatment plan for severe periodontal patients, infectious patients, hospitalized patients

Complete examination, documentation, cooperation

IOH: practice: IOH plan according to patient type

POH: practice: complete IOH and POH

Teeth whitening, periodontal surgery, prosthodontics in periodontology, implants, polishing, ultrasound, photography, diagnodent, laser, vector, air-flow, intraoral camera

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. Minčík, J., a kol. 2014. *Kariológia.* Košice: Vydavateľstvo JES SK, 2014. 256 s. ISBN 78-80-88900-62-7
7. Šestáková, M., a kol. 2016. *Propedeutika. Protetické zubné lekárstvo a čelústná ortopédia. 1.vydanie.* Košice: Rotaprint, 2016. 208 s. ISBN 978-80-972254-9-0.
8. Timková, S., a kol. 2016. *Ochorenia jazyka.* Košice: Vydavateľstvo JES SK, 2016. 104 s. ISBN 978-80-88900-88-7.
9. Straka, M. 2016. *Etiopatogeneze parodontitíd a jejich vztah k systémovým onemocněním.* Brno: Tisk centrum Brno s.r.o., 2016. 166s. ISBN 978-80-904377-3-9

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
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Lecturers: <i>Doc. MUDr. Eva Koval'ová, PhD., PhDr. Michal Ferko, MUDr. Tatiana Klamárová, PhD.</i>						
Date of last change: <i>24.3.2026</i>						
Approved by: <i>doc. MUDr. Eva Koval'ová, PhD. - guarantor</i>						