

Course Description

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| University: <i>University of Presov</i> | |
| Faculty/university workplace: <i>Faculty of Health Care</i> | |
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| Code: <i>6KDH/DEHA1-ER/25</i> | Course title: <i>Dental Hygiene 1</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>1st year WT</i> | |
| Study grade: <i>Bachelor</i> | |
| Prerequisites: | |
| Conditions for passing the course: | |
| Form of assessment: | |
| Final evaluation: The student is obliged to attend 90% of practical teaching and 80% of the set range of lectures. | |
| <i>Continuous assessment:</i> During the semester, the student takes continuous knowledge tests (65% success rate). In practical exercises, the student implements motivation and instruction according to the type of patient, performs plaque detection and records the detection results, implements training in working with hand tools and demonstrates exercises to prevent the consequences of incorrect ergonomics. 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. The resulting assessment is calculated as the average of the assessment of practical skills and theoretical knowledge. | |
| <i>Final assessment:</i> The course is completed continuous assessment (PH). Practical exam, which is conditioned by a successfully completed written test: practical exam - 50% success, written test - 50% 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> | |
| Educational outcomes: After completing the course, students are able to: <i>Knowledge:</i> <ul style="list-style-type: none">- define and interpret basic terms in the field of dental hygiene;- specify and interpret the job description, personality and requirements for the profession of dental hygienist;- know the content of individual oral hygiene;- know the content of professional oral hygiene;- master the issues of ergonomics of the work of a dental hygienist;- be familiar with systems, techniques and aids designed for individual oral hygiene; | |

- define the basic equipment of a dental hygienist;
- know the examination tools and periodontal instruments necessary for examination by a dental hygienist.

Skills:

- describe and demonstrate work with the examination tools necessary for treatment by a dental hygienist;
- flawlessly place the patient in the mandibular, maxillary and examination positions;
- correctly ergonomically adjust the ergonomic chair to work at the chair, taking into account the patient's position and light;
- apply knowledge in the field of dental care in patient motivation about basic oral health care;
- design appropriate hygienic aids when instructing the patient with demonstration of the skills of their correct use in the oral cavity, plaque detection;
- develop practical skills in working with examination and periodontal tools.
- demonstrate relaxation and relaxation exercises to prevent the consequences of incorrect ergonomics.

Competence:

Use knowledge for professional and personal development as follows:

- summarize the scope of activities and requirements for the personality of a dental hygienist.
- demonstrate the ability to implement theoretical knowledge and skills into the motivation and instruction of a patient with dental diseases.

independently perform work with periodontal and examination tools designed for dental hygienists.

Course content:

1. Basic concepts of dental hygiene – prevention and treatment plan, individual dental hygiene, professional dental hygiene, oral health, ergonomics of work, motivation and patient instruction, etc.
2. Personality of a dental hygienist, requirements for the profession, competencies of a dental hygienist, registration in a professional organization.
3. Basic equipment of a dental hygienist – examination and periodontal instruments, instrumentation, aids for patient motivation and instruction,
4. Preparation of a dental hygiene clinic, documentation of a dental hygienist.
5. Ergonomics of the dental hygienist's work – ergonomics of the dental hygienist's seating, patient positions, outpatient clinic lighting, tray system. Consequences and prevention of the consequences of improper ergonomics of work - relaxation exercises.
6. Individual oral hygiene, oral hygiene system, technique and aids.
7. Mechanical and chemical means of oral hygiene.
8. Patient motivation about dental diseases.
9. Instructing the patient with aids for individual dental care.

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., Ivančová, E. 2022. *Klasifikácia stavu orálnych tkanív. Extraorálne vyšetrenie*. Prešov: Vydavateľstvo Michal Vaško, 2022. 81s. ISBN 978-80-8198-069-5.
 3. Kovaľová, E. 2013. *Motivačný atlas*. Prešov: Vydavateľstvo P. Šidelský Akcent Print, 2013. 22s. ISBN 978-80-9694-190-2.
 4. Kovaľová, E. a kol. 2024. *Manažment vyšetrenia, ošetrovania a kontrol v dentálnom tíme*. Prešov: Vydavateľstvo Michal Vaško, 2024, 153s. ISBN 978-80-8198-070-1.
 5. Kovaľ, A., Jordán, D., Hudáková, L. 2022. *Ergonómia a manažment v dentálnej praxi*. Prešov: Z.Magdová – Tlačiareň s.r.o., 2022. 119s. ISBN 978-80- 974272-2-1.
- Mazánek, J. a kol. 2015. *Stomatologie pro dentální hygienistky a zubní instrumentářky*. 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:

| A | B | C | D | E | FX |
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| Lecturers: Prednášky: <i>PhDr. Bc. Ludmila Andraščíková, PhD, MBA, MPH.</i> Cvičenia: <i>Mgr. Bc. Silvia Dolacká, PhDr. Michal Ferko</i> | | | | | |
| Date of last change: 24.03.2026 | | | | | |
| Approved by: <i>doc. MUDr. Eva Koval'ová, PhD. - garant</i> | | | | | |