

**Semmelweis University, Faculty of Dentistry - single, long-cycle medical training -
Osztatlan általános fogorvos képzés**

Name of the host institution (and any contributing institution):

Parodontológiai Klinika

Name of subject: Periodontology II.

in English: Periodontology II.

in German: Periodontology II.

Credit value: 4

Semester: 8th semester

(in which the subject is taught according to the curriculum)

Hours per week	Lecture	Practical lesson	Seminar
4.0	1.0	2.0	1.0

Hours per semester	Lecture	Practical lesson	Seminar
56.0	14.0	28.0	14.0

Type of course:

obligatory

Academic year:

2026/27

Language of instruction (for optional and elective subjects):

Angol

Course code:

FOKOPDK387_2A

(in the case of a new course, to be completed by the Dean's Office, following approval)

Course coordinator name: Dr. Windisch Péter

Course coordinator location of work, telephone availability: Department of Periodontology

Course coordinator position: professor, Head of the Department

Course coordinator Date and number of habilitation: 2011

Objective of instruction and its place in the curriculum:

Basic Periodontology: A foundational, perspective-shaping course within comprehensive dental training. Students must be taught modern periodontal diagnostic and therapeutic methods. It is important to also impart the most up-to-date practical therapeutic and diagnostic methods.

During clinical practice, students perform the comprehensive treatment of at least one or two patients each week under supervision. They master basic diagnostic methods,

documentation of the patient's condition, and the conservative and surgical methods that are essential for a general dentist in the management of gingivitis or moderate periodontitis.

Method of instruction (lecture, group work, practical lesson, etc.):

Number of hours: 56, of which lectures: 14 , practicals: 28, seminars: 14

Competencies acquired through completion of course:

Students will learn the anatomy and function of the periodontium, basic epidemiological aspects, and the etiology and pathogenesis of periodontal disease. They will become familiar with basic therapeutic methods and instruments.

Course outcome (names and codes of related subjects):

Prerequisites for course registration and completion: (CODE):

General and Dental Radiology I., Oral and Periodontology I., Maxillofacial Surgery II.

In the case of multi-semester courses, position on the possibility of and conditions for concurrent registration:

The number of students required to start the course (minimum, maximum), student selection method:

The total number of registered students for the given semester

Detailed course syllabus (if the course can be divided into modules, please indicate): (Theoretical and practical instruction must be broken down into hours (weeks), numbered separately; names of instructors and lecturers must be listed, indicating guest lecturers/instructors. It cannot be attached separately! For guest lecturers, attachment of CV is required in all cases!)

LECTURES 1 x 45 minutes per week:

- 1 The significance and steps of periodontal etiological therapy
- 2 Etiological therapy. Professional mechanical plaque control
- 3 Management of acute periodontal cases
- 4 Correction of plaque retention factors
- 5 Chemical plaque control and antibiotics
- 6 Periodontal scaling techniques
- 7 General aspects of the new classification of periodontal disease
- 8 Classification of Periodontal Disease I. Diseases of the Gingiva
- 9 Classification of Periodontal Disease II. Diseases of the Attachment Apparatus
- 10 Differential Diagnosis and Management of Endoperiodontal Conditions
- 11 Non-plaque-induced periodontal conditions. Gingival recession
- 12 The periodontal pocket as a focus of infection. Periodontal medicine
- 13 Evaluation of the oral hygiene phase. Periodontal maintenance
- 14 **Written test**

Practical sessions: 2 x 45 minutes per week

Practical workload:

Number of procedures:

Medical history (periodontal risk factors)	4
Complete periodontal assessment	4
Oral hygiene instruction (iTOP)	4
Supragingival scaling and polishing/Q	8
Root surface cleaning (curettage)/Q	8
Elimination of plaque retention factors	4
Periodontal care + risk analysis	2

Seminar: 1 x 45 minutes per week before practical sessions

1. Classification of periodontal diseases
2. Periodontal foci and their role in general medicine
3. Steps in complex periodontal therapy
4. Management of acute periodontal cases
5. Etiological periodontal therapy
6. Medications that affect periodontal conditions and their treatment
7. Periodontal splinting techniques, treatment of traumatic occlusion
8. Use of antibiotics in periodontal treatments
9. Periodontal maintenance treatments
10. Evaluation of the etiological phase; indications and contraindications for periodontal surgery
11. Orthodontic aspects of periodontology
12. Consultation
13. Demonstration

Seminar curriculum

The topics of the seminars include, in part, a discussion of previously presented lecture material, as well as a discussion of the theoretical material regarding the basic therapeutic procedures of the Periodontology II practical course.

Other courses with overlapping topics (obligatory, optional, or elective courses) in interdisciplinary areas. To minimize overlaps, topics should be coordinated. Code(s) of courses (to be provided):

Requirements for attendance, options for making up missed sessions, and method of absence justification:

Requirements for participation: Completion of all academic administrative requirements necessary to finalize the previous semester or fulfill prerequisites. Successful completion of prerequisite courses. Wearing work clothes and a proper name tag in accordance with regulations during practical training. Students confirm their attendance at the practical sessions by signing the attendance sheet used during the sessions, in accordance with the dean's instructions. Knowledge of the course description, which the student certifies with their signature. Students record the tasks completed during the lab session on the attendance sheet. A maximum of 3 absences from lab sessions is permitted. Absences from lab sessions must be made up by attending another lab session, which must be arranged in advance with the lab instructor.

Attendance at lectures is not mandatory but is strongly recommended for the successful mastery of the course material. **Proof of absence from classes and the exam:** Medical certificate, hospital discharge summary, or, if applicable, proof of participation in a scientific conference, in accordance with the provisions of the TVSz.

Assessment methods during semester (number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks):

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One mid-semester written demonstration during the seminars, and an oral demonstration at the end of the semester, during the last week of instruction, covering the material from the seminars and exercises, as well as the case study prepared during the semester.

Number and type of individual assignments to be completed, submission deadlines:

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Requirements for the successful completion of the course:

Participation in practical sessions (with a maximum of 3 absences) and completion of at least 70% of the treatment workload, based on which the student compiles a case study (intraoral photos, panoramic X-ray, periodontal status X-ray), which is presented orally during the final week of instruction. Additionally, successful completion of 1 written demonstration and 1 oral demonstration during the final week of instruction based on the practical and seminar material. Achieving a score of at least 75% on the tests administered during the lectures. Completion of a short test containing 5 state exam questions in every lecture. Successful written colloquium. Attendance at lectures is not mandatory in accordance with the Study and Examination Regulations (hereinafter TVSz), but is strongly recommended for the successful mastery of the course material.

Type of assessment:

end term examination

Exam requirements (list of topics, topics of the test exam, and the optional project topics accepted as an exam)**Exam requirements5 :**

A mandatory written test on the 14th academic week's lecture. A total of 60 single choice questions, including the clinical diagnosis of 20 clinical photos and 40 theoretical questions. The minimal requirement is 60% correct answers. Grading: 0-36 failure, 37-42:2, 43-49: 3, 50-55: 4 and 56-60 5. The test results in an offered grade, if anybody fails or the student does not accept it, an oral exam should or can be made during the examination period. The instructor will assign a practical grade from 1 to 5 based on practical performance, which accounts for 50% of the final grade. The final grade is calculated as the mathematical mean score of the two scores

Clear, specific minimum requirements for assessment. (The list of mandatory concepts, parameters, diagrams, calculations, and practical skills required to obtain a passing grade, as well as the criteria for the completion and evaluation of project assignments accepted as an exam.) A link published on the department's website referring to the minimum requirements of the course.

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Method and type of grading (Share of theoretical and practical examinations in the overall evaluation. Inclusion of the results in the end-of-term assessment. Possibilities of and conditions for offered grades.): (Share of theoretical and practical examinations in the overall evaluation, Inclusion of the results in the end-of-term assessment, Possibilities of and conditions for offered grades)

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Artificial intelligence systems used in the teaching of the subject and the manner of their application

The use of artificial intelligence is not permitted during mid-term examinations, written examinations and oral examinations. The use of electronic devices that can access artificial intelligence is not permitted during examinations.

Lecturers may use artificial intelligence in editing lectures and compiling test questions, while students are also permitted to use artificial intelligence during the academic period in order to master the course material. However, the use of artificial intelligence is prohibited in any type of examination. Violation of the provisions is considered illegal behavior, plagiarism, and in order to investigate it, responsibility for plagiarism during the existence of the student relationship must be investigated in student disciplinary proceedings.

Printed resources:

Required	Yes
Author	Lindhe J. (et al) (ed):
Title	Clinical Periodontology and Implant Dentistry 6th ed
Publisher	Blackwell
Year of publication	2016

Required	No
Author	ed. A. Sculean
Title	Periodontal Regenerative Therapy
Publisher	Quintessence
Year of publication	2010
Other/Comment	pp. 47-67

Signature of habilitated instructor (course coordinator) announcing the course:

Signature of the director of the host institution:

Date of submission:
