

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

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

Gyermekfogászati és Fogszabályozási Klinika

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**Name of subject:** Pedodontics I.

**in English:** Pedodontics I.

**in German:** Kinderzahnheilkunde I.

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**Credit value:** 5

**Semester:** 9th semester

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

Hours per week	Lecture	Practical lesson	Seminar
5.0	1.0	4.0	0.0

Hours per semester	Lecture	Practical lesson	Seminar
70.0	14.0	56.0	0.0

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**Type of course:**

obligatory

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**Academic year:**

FOK 2026/2027. tanév

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**Language of instruction (for optional and elective subjects):**

Angol

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**Course code:**

FOKOGFK265\_1A

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

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**Course coordinator name:** Dr.Rózsa Noémi Katinka

**Course coordinator location of work, telephone availability:** SE FOK Oktatási Centrum, 1088 Bp., Szentkirályi St. 47. +36-1-318-7187, +36-1-4591500/59268

**Course coordinator position:** Director, University Professor

**Course coordinator Date and number of habilitation:** 2018.06.27 05/2018

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**Objective of instruction and its place in the curriculum:**

The aim of studying: Pedodontics is the acquirement of a sufficient theoretic and practical knowledge fulfilling the requirements set by the university and the government necessary to obtain a degree in dentistry. Students are expected to gain understanding through the attendance of lectures; supervised practical sessions within small groups; the study of textbooks and further recommended literature.

Practical work, the treatment of patients, can only be started once the supervisor has tested and is satisfied with the student's theoretical knowledge. During the practical course, while examining patients, the students must take a general and dental anamnesis and then record the oral and dental status. This includes an examination of the soft tissues; the condition of the teeth such as fillings and decay, and eventual teeth irregularities. After checking with the supervisor, they finalize the treatment plan. This includes oral hygiene and nutritional advice, motivation for the patient and treatment of caries and consequences under strict supervision. At the end of each practical session the supervisor records each student's work in accordance to their prescribed treatment on their personal „Pensum sheet“.

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

Practical work consists of patient treatments. It is divided into two parts:

1. Joint work: students work alongside the supervisor.
  2. Independent work: treatment is given by the students, under strict supervision.
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**Competencies acquired through completion of course:**

Practical skills, dental diagnostics, treatment planning, pedodontic interventions

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**Course outcome (names and codes of related subjects):**

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**Prerequisites for course registration and completion: (CODE):**

Orthodontics Pre-clinical, Prosthodontics III., Restorative Dentistry and Endodontics III.,

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

Not possible.

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

Compulsory for all V<sup>th</sup> year students, Clinical practices in small groups of five.

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**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!)**

1. The subject, signification and correlations of Pediatric Dentistry
  2. Tooth development, anatomy and dentition of primary teeth
  3. Developmental disturbances of permanent and primary teeth
  4. Caries of primary teeth. Treatment possibilities
  5. Filling materials in Pedodontics
  6. Consecutive illnesses of caries in primary dentition
  7. Mechanism of second dentition. Physiological and pathological significance
  8. Caries and treatment of permanent teeth. Consecutive illness of caries in permanent dentition
  9. Root-canal treatment of immature teeth. Apexogenesis. Apexification
  10. Minimalinvasive procedures in Pedodontics
  11. Possibilities of dental prevention in childhood
  12. Indication of dental radiography in Pedodontics. Modern cariesdiadnostic methods
  13. Psychological Aspects of Dental Treatment in Pedodontics
  14. Discoloration of the teeth. Etiology. Treatment methods
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**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):**

FOSVGFK169\_1A, FOKOGFK263\_1A, FOKOGFK263\_2A, FOKOKFK384\_1A, FOKOKFK357\_3A, FOKOFPK366\_3A

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

Students are required to attend practice sessions and midterm tests. The practical course of one semester cannot be recognised if a student is absent for more than 25% (more than 3 occasions) of the practice sessions. The missed practices can be retaken twice per semester.

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**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):**

**(number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks)**

Demonstration of an acceptable level of mastery of the theoretical and practical aspects of pediatric dentistry, as assessed by the clinical instructors at the end of the semester.

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

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**Requirements for the successful completion of the course:**

1. At least *satisfactory* results (2) on midterm tests.

2. Interest and participation shown during the practical courses (maximum 3 absences)
3. Students should attain a sufficient theoretical and practical knowledge fulfilling the requirements of the department.

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**Type of assessment:**

term grade

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

At least a sufficient practical grade is required to participate in the comprehensive exam. On the oral exam the student draws two items from the given topic list, which they then discuss. As a result a final mark is given on the comprehensive exam.

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**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.**

The attendance requirement for the practical sessions is 75% over the course of the semester; in other words, a maximum of 3 absences per semester is permitted.

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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)**

The judgement of the practical presence and performance determine the final score of the semester. The evaluating the final practical results unsatisfactory score leads to a not validated semester.

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Not possible.

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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 midterm exams, written exams, or preparation time for oral exams. Electronic devices that provide access to artificial intelligence are not permitted during exams.

Instructors may use artificial intelligence in preparing lectures and compiling test questions, while students are also permitted to use artificial intelligence during the semester to learn and understand the course material. However, artificial intelligence is prohibited in any type of assessment, as is the use of any other unauthorized aids. Its use is also not permitted when writing a thesis. Violation of these provisions constitutes unlawful conduct, i.e., plagiarism, and shall be investigated in student disciplinary proceedings during the student's enrollment.

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**Printed resources:**

Required	pdf.nem
Author	Nowak A, Christensen JR, Mabry TR, Townsend JA, Wells MH
Title	Pediatric Dentistry: Infancy Through Adolescence, 6th ed.,
Publisher	Elsevier
Year of publication	2018

Required	pdf.nem
Author	Casamassimo PS, Fields HW, McTigue DJ, Nowak AJ
Title	Pediatric Dentistry, Infancy through Adolescence 5th ed.
Publisher	Elsevier Saunders
Year of publication	2012

Required	pdf.nem
Author	Splieth, Christian H
Title	Revolutions in Pediatric Dentistry
Publisher	Quintessenz Verlags-GmbH
Year of publication	2011

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

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**Signature of the director of the host institution:**

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**Date of submission:**

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