

REQUIREMENTS

Semmelweis University Faculty of Dentistry
Name of the course: Pediatrics Credit value: 1 Lessons (in hours): lectures: 14 practicals: 7 seminars: Type of the course: compulsory <u>obligatory elective</u> elective Frequency of announcement (per semester or year): per year
Academic year: 2021/2022
Subject code¹: FOKVGY_1A
Lecturer of the course: Prof. Dr. Kovács Gábor Contact: 2nd Department of Pediatrics, titkarsag.gyer2@semmelweis-univ.hu
The goals of the course in point of view of the education: As in their University curriculum dentistry students start to study pediatrics parallel to their internal medicine training and before studying pediatric dentistry, the Department's new curriculum focuses more on propedeutics. Both the lectures and the practices/consultations are intended to introduce students to fundamental medical skills and knowledge that they will utilize not only at their working sites but soon during the university years. During the practices /consultations the students will be able to 'meet' real cases and understand the structure of medical care; on the other hand the consultations will provide a possibility for them to learn the usage of data sources, search for and find professionally correct information in medical databases and making up a short presentation on dentistry-focused pediatric topics.
Location of the course (address of lecture hall, seminar room etc.): Library
Competences acquired by completion of the course: Describing the method and specificity of history taking and physical examination in different ages, as well as the different dosage forms used in pediatrics. Understanding the method of making up the diagnosis and initiating adequate treatment from history taking, through physical examination and laboratory testing&imaging. Understanding the components of health surveillance, screening programmes and primary/secondary prevention. Practicing assertive and effective communication skills with patients&families.
Pre-study requirements and prerequisites of course registration and completion: Prescribed prereisites by the Dean's Office: Oral pathology, Pathology
Number of students required for announcement of course (min., max.):

Lectures: min. 10

Practice: min. 7/group

Method of course registration:

Registration through Neptun system only.

Detailed course/lecture description²: *(to facilitate credit recognition in other institutions)*

Lectures:

1. Introduction: somatomental development of a healthy child, care of a newborn
2. Physical examination, signs of syndromes
3. Dosage forms in pediatrics, antipyretics
4. Diseases of the respiratory tract (ENT incl.)
5. Disorders of growth and development
6. Pediatric Surgery
7. Chronic Abdominal Pain, failure to thrive
8. Anaemia, bleeding disorders, hematological malignancies
9. Solid Tumours
10. Diseases of the urinary tract
11. Seizures
12. Acute care of life-threatening conditions
13. Cardiovascular Diseases
14. Communication Skills

Practice:

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Topics For The Practices

1. Physical Examination
2. Feeding of a baby&child; intolerances, allergies
3. Laboratory Findings (bloodcount + 'routine checkup' + urinalysis)
4. Screening tests and secondary prevention
5. Vaccination and primary prevention
6. Childhood Obesity, pitfalls of feeding
7. Diseases Presenting With a Rash
8. Tonsillopharyngitis
9. Calcium and bone
10. Fluid-electrolyte changes
11. Kids With Specific Needs in dentistry (mental retardation, epilepsy, Prader-Willi syndrome, autism)
12. Diabetes mellitus

Topics For The Consultations

1. Informative Signs of congenital diseases in the oral cavity
2. Signs of changes of bone metabolism in the oral cavity
3. Kids With Specific Needs in dentistry (mental retardation, epilepsy, Prader-Willi Syndrome, autism, etc)
4. Infective Diseases Affecting The Oral Cavity
5. Teeth Braces and MRI /toothbraces and nutritional disorders
6. Physiologic/pathologic dentition
7. Breastfeeding/bottle feeding and pacifiers: prevention of orthodontic disorders
8. What The Tongue Tells Us

9. Lymph Node Enlargement
10. Thyroid Enlargement
11. Caries Prevention- oral health education
12. The child as a patient – tricks and ideas how to deal with them
13. Bad smell of breath

Courses (*obligatory and elective*) which in part or entirely overlap the topics of above course:

Internal medicine I-II-III.

Pediatric dentistry

Special academic work required for completion of the course³:

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Attendance on practices and lectures, replacement in case of missed sessions:

Attendance is obligatory. Maximum number of absences is 25 percent of the number of practices in the semester.

Consequences of absence from sessions and exams:

Missing signature for the semester and uncompleted subject.

Method of checking acquired knowledge during the study period⁴:

There are no mandatory midterm tests during the semester.

Requirements of an accepted semester (*signature of the lecturer*):

The number of absences must not be more than 25 percent of the number of practices in the semester.

Type of the exam:

Oral – Colloquium

Requirements of the exam⁵:

Two topics from the topic lists (A and B list respectively)

Grading of courses⁶:

Forming a grade at the end of the course is based on a 5 grade result system reflecting on the performance on the oral exam.

Excellent (5)

Good (4)


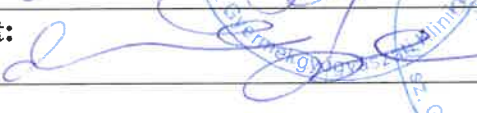
Satisfactory (3)

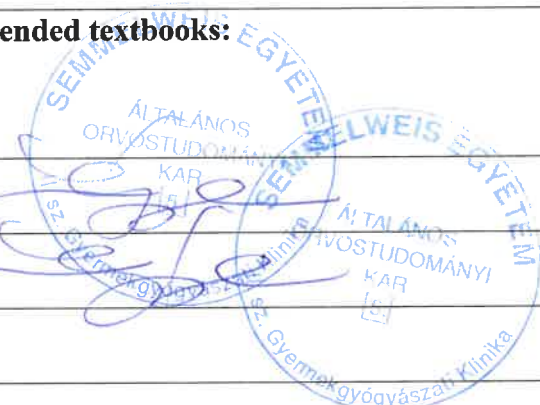
Pass (2)

Fail (1)

Exam registration:

Applying for the course takes places via the NEPTUN system, regarding the instructions of the

Study and Exam Committee (TVSZ) and the Dean's Office of General Medicine. Retaking a failed exam is possible after 3 days min.	
Rules of repeating exams:	
Via the NEPTUN system, according to the general rules of the Study and Exam Regulations (TVSZ).	
List of textbooks, lecture notes and recommended textbooks:	
Lectures' and practices' notes	
Signature of course lecturer:	
Signature of head of department:	
Date of submission:	
Opinion of OKB:	
Notes from the Dean's Office:	
Signature of Dean:	



¹ Filled out by the Dean's Office following approval

² Detailed and numbered for each week of theoretical and practical lessons one by one, indicating the names of lecturers and instructors

³ Eg. field practice, medical chart analysis, survey conducting, etc.

⁴ Eg. homework, report, midterm exam etc. Topics, dates, method of retake and replacement.

⁵ List of topics in case of theoretical exam, thematic and method in case of practical exam.

⁶ Method of inclusion of theoretical and practical exams. Method of inclusion of midterm assessments.