COURSE SYLLABUS

Semmelweis University Faculty of Dentistry, Dentistry

Name of the course: Pediatrics

Credit value: 1

Lessons *(in hours in the whole semester)*: 21 from this, lectures:7 practicals: 7 seminars: 7

Type of the course: compulsory   <u>obligatory elective</u>   elective

Semester in which it is announced according to the curriculum: II.semester

Frequency of announcement *(per semester or year)*: **per year**

The responsible educational and research organizational unit for teaching the subject: Dept.of
Pediatrics

Academic year:2023/2024

Subject (Neptun) code: FOKVGY2369_1A

Lecturer of the course: Prof. Dr. Kovács Gábor,
Academic position: head of department
Contact: Department of Pediatrics , titkarsag.gyer2@semmelweis-univ.hu

The goals and place of the course in regards to the education of dental students:
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.Practices and 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 specifity of history taking and physical examination in different ages, as well as the different dosage forms used in pediatrics.
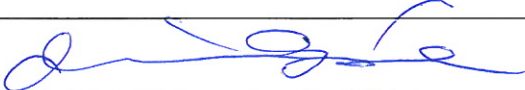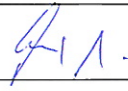
Understanding the method of making up the diagnosis and initiating adequate treatment from history taking, through physical examination and laboratory testing&imaging.
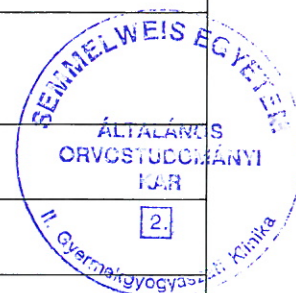
Understanding the components of health survaillance, screening programmes and primary/secondary prevention.

Practicing assertive and effective communication skills with patients&families.

Pre-study requirements and prerequisites of course registration and completion, in case of a multi-semester subject, the standpoint of the educational-research unit on the concurrent subject registration and on the requirements of permission thereof :

Prescribed prereisites by the Dean's Office: Oral pathology, Pathology

Number of students required for announcement of course *(min., max.)*, **method of selection:**
Practice and Seminars: min. 6/group

Method of course registration: Registration through Neptun system only.

Detailed course/lecture description[1]: *(to facilitate credit recognition in other institutions)*

<u>**Lecture:**</u>

1. Introduction: somatomental development of a healthy child, care of a newborn
2. Cardiovascular diseaseses
3. Diseases of the respiratory tract (ENT incl.), infections,
4. Disorders of growth&development
5. Pediatric Surgery
6. Chronic Abdominal Pain,
7. Anaemia, bleeding disorders, haematological malignancies

<u>**Practice:**</u>

1. Physical Examination
2. Feeding of a baby&child; intolerances, allergies
3. Laboratory Findings (bloodcount + 'routine checkup' + urinalysis)
4. Acute care of life-threatening conditions
5. Fluid-electrolyte changes, dosage forms in pediatrics, antipyretics
6. Seizures
7. Signs of syndromes of infectious diseases

<u>**Seminars:**</u>

1. Vomiting, diarrhoea
2. Mononuclesosis
3. Lymphnode enlargement
4. Anaemia
5. Child with a rash
6. Problems of weight gain
7. Diabetes mellitus

Courses *(compulsory and obligatory 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 course[2]:

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+seminars in the semester (3/14).
~~**Consequences of absence from sessions and exams:**~~ törölve

Method of checking acquired knowledge during the study period[3]:
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 +seminars in the semester (3/14).

Type of the exam:
Oral – Colloquium

Requirements of the exam[3]:
All topics from the topic lists (Lecture,practice, seminar)

Grading of courses[4]. The possibility and requirements of an offered grade:
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 Comittee (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, online material:
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:

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[1] Detailed and numbered for each week of theoretical and practical lessons one by one. In an annex, cannot be attached appendix!
[2] Eg. homework, report, midterm exam etc. Topics, dates, method of retake and replacement
[3] List of topics in case of theoretical exam, thematic and method in case of practical exam
[4] Method of inclusion of theoretical and practical exams. Method of inclusion of midterm assessments.