

Semmelweis University, Faculty of Medicine - undivided, one-tier training in general medicine

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

Gyermekgyógyászati Klinika - Tűzoltó utcai részleg

Name of subject in Hungarian: Választható klinikai gyakorlat

Name of subject in English: Six-week Facultative course

Name of subject in German: Wahlpflichtfach PJ – Klinisches Praktikum

Credit value of the course: 5

Semester: 11th semester, 12th semester

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

Weekly hours	Lecture	Practice	Seminar
0.0	0.0	0.0	0.0

Semester hours	Lecture	Practice	Seminar
240.0	0.0	240.0	0.0

Type of course:

obligatory

Academic year:

2026/27

Language of instruction (for optional and elective subjects):

English

Course code:

AOKANG1137_SA

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

Course coordinator name: Dr. Kovács Gábor (klinikai főorvos)

Course coordinator location of work, telephone availability: SE Gyermekgyógyászati Klinika
Tűzoltó Utcai Részleg, 06-20-825-9265

Course coordinator position: tanszékvezető

Course coordinator Date and number of habilitation: 2009.06.02., Száma: 279

Objectives of the course, and its place in the curriculum of the medical training program:

The main aim of the sixth-year block of paediatrics is to teach the most typical clinical symptoms and the most common diseases, as well as the special features of the specialty and its everyday routine, and to acquire practical knowledge.

Format of the course (lectures, group work, practical lessons, etc.):

Participating in ward work, ward rounds

Competencies acquired through completion of course:

Paediatrics is a specialty that deals with the problems and diseases of a large special population.

Our goal is that upon completion of university studies, newly graduated doctors with up-to-date theoretical and practical knowledge will be able to perform independent general medical activities in the field of paediatrics as well.

Course outcome (names and NEPTUN ID of related subjects):

Prerequisites for course registration and completion: (NEPTUN ID):

Pediatrics (6th year AOKGY2849_SA, AOKGY1848_SA)

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

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

Based on registration in Neptun, maximum 14 people.

**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!)**

Detailed course syllabus: (if the course can be divided into modules, please indicate):

(Theoretical and practical instruction must be broken down into lessons (weeks), numbered separately. Please provide the names of lecturers in both types of lessons, indicating guest lecturers/instructors. It cannot be attached separately! For guest lecturers, attachment of CV is required in all cases!)

Learning the special examination of children at different ages, carrying out and observing

interventions. Evaluation of laboratory results, analysis of blood and urine tests, learning the characteristics of imaging tests in childhood.

General topics:

General physical examination, examination of the throat, examination of the fontanelles, signs of rickets and tetany, hip examination, elementary reflexes and movements, meningeal signs, neurological examination, assessment of vital parameters at different ages, use of percentiles. Calculating a baby's calorie need, calculating body surface area, pain and fever management. Assessment of somatic and mental development.

Treatment of priority diseases:

Resuscitation of newborns and children. Newborn care. Treatment of acute hypovolemic shock. Treatment of status asthmaticus, treatment of dyspnea. Treatment of status epilepticus, treatment of convulsive conditions

Treatment of diabetic ketoacidosis. Treatment of acute renal failure, hypertensive crisis. Care and diagnosis of a patient with bleeding from the unknown part of the gastrointestinal tract. Diagnosis and treatment of surgical patients with acute abdominal symptoms. Care of the patient with Addison's disease.

Differential diagnosis:

One of the most important elements of the training of 6th year students is learning the etiology of different symptoms and the diseases from the everyday practice. This knowledge is essential to take the initial diagnostic steps.

Daily work schedule of 6th year student

Morning (starting at 8AM):

Ward rounds: physical examination of patients, discussion of tasks for the day related to ward patients.

Ward work: check the priority patients at the ward and the interventions (individually). We consider it important to get to know the outpatient work belonging to the respective departments, so we also offer the opportunity to visit them.

Outpatient Department: once a week students have the chance to look into the work of one of the outpatient departments, to learn about patient follow-up and acute presentation of symptoms.

Tutors:

Dr. Andrási Noémi, Dr. Bakó Dorottya, Dr. Balázs Dóra, Dr. Bartha Áron, Dr. Bagyuráné Dr. Frank Veronika, Dr. Benyó Gábor, Dr. Bertalan Rita, Dr. Botlik Dóra, Dr. Botos Péter, Dr. Bots Bianka, Dr. Brückner Edit Ágota, Dr. Búdi Tamás, Dr. Constantin Tamás, Dr. Czövek Dorottya, Dr. Csóka Monika, Dr. Csordás Katalin, Dr. Dobner Sarolta, Dr. Egyed Bálint, Dr. Erdélyi Dániel, Dr. Erdélyi-Nagy Blanka, Dr. Farkas Márk Kristóf, Dr. Felkai Luca, Dr. Frank Veronika, Dr. Garan Diána, Dr. Gács Zsófia, Dr. Garami Miklós, Dr. Goschler Ádám, Dr. Hegedűs Katalin, Dr. Hegyi Márta, Dr. Horváth Bertalan, Dr. Horváth Klára, Dr. Horváth Zsuzsanna, Dr. Hosszú Éva, Dr. Jenővári Zoltán, Dr. Juhász Orsolya, Dr. Kemény Viktória, Dr. Kiss Tamás, Dr. Klaus Laura, Dr. Koch Dóra, Dr. Kónya Sárma Sultana, Dr. Koós Olivér, Prof. Dr. Kovács Gábor, Dr. Kovács Janka, Dr. Lengvári Lilla, Dr. Lengyel Anna, Dr. Liptai Zoltán, Dr. Müller Judit, Dr. Naghizadeh Farzaneh, Dr. Nemes-Csertő Alinka, Dr. Németh Ágnes, Dr. Osztermayer Dorka Réka, Dr. Pálinkás Annamária, Dr. Papp-Bozzai Barbara, Dr. Párkányi Rebeka, Dr. Pásztor Borbála, Dr. Petes Cintia, Dr. Petró Anna, Dr. Péter Réka, Dr. Pfeffer Anita, Dr. Pinti Éva, Dr. Podráczky Noémi, Dr. Pomlénny Petrá, Dr. Ponyi Andrea, Dr. Prokopp Tamás Benedek, Dr. Ranyák Márta Szilvia, Dr. Repkényi Dorottya, Dr. Sándor Réka Zsuzsanna, Dr. Sükösd Zita, Dr. Szabados Márton, Dr. Szabó András Lajos, Dr. Szabó Léna, Dr. Szabó Sándor, Dr. Szarvas Gábor Zsombor, Dr. Szikszay Orsolya, Dr. Tomsits Erika, Dr. Tóth-Szumutku Fanni, Dr. Turi Alexandra, Dr. Varga Martin István, Dr. Váncza Lóránd, Dr. Velkey Ábel, Dr. Vojnisek Zsuzsanna, Damó Eszter, Durst Anna, Bagó György, Kalmárné Rikker Zsuzsanna, Magyar Emma,

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

AOKBHK785_SA, AOKGRI966_1A, AOKNO1655_SA, AOKCSA1133_1A

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

It is compulsory to bring a stethoscope and white coat for the practices, without it the practice

will not be considered as completed. In accordance with the study and exam regulations, participation in 90% of the current total number of hours is mandatory. Replacement is possible at alternative times designated by the tutor of the student.

The evaluation of the course and its tutors by students is done through an online system during the duration of the practice.

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)

None

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

Case presentation to be completed by the end of the practice.

Requirements for the successful completion of the course:

Attendance at at least 90% of the total number of hours. Completing the tasks listed on the "Qualification and evaluation" page and presenting practical skills.

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)

Case presentation

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.

A graduate medicine curriculum for case presentation must ensure students can deliver clear, structured, and concise presentations that accurately synthesize history, examination findings, and investigations into a coherent clinical summary with a prioritized differential diagnosis and management plan.

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)

Grades are based on the evaluation of the case presentation. The student's performance is evaluated using a five-grade scale: excellent (5), good (4), satisfactory (3), pass (2), and fail (1).

See above

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

The use of AI-based tools for learning purposes is permitted; however, they may not be considered official sources of information or study materials.

Printed resources:

Type	Recommended
Author	Karen Marcdante, Robert M. Kliegman, Abigail M. Schuh
Title	Nelson Essentials of Pediatrics 10. edition
Publisher	Elsevier Health Sciences
Year of publication	2026

Type	Recommended
Author	Robert C. Tasker, Carlo L. Acerini, Edward Holloway
Title	Oxford Handbook of Paediatrics
Publisher	Oxford University Press
Year of publication	2021

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

Signature of the director of the host institution:

Date of submission:
