

Semmelweis University, Faculty of Medicine - single, long-cycle medical training**Name of the host institution (and any contributing institution):**Belgyógyászati és Hematológiai Klinika

Name of subject: Belgyógyászat nyári gyakorlat**in English:** Internal medicine summer practice**in German:** Innere Medizin Sommerpraktikum

Credit value: 3**Semester:** 2. szemeszter

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

Hours per week	Lecture	Practical lesson	Seminar
0.0	0.0	0.0	0.0

Hours per semester	Lecture	Practical lesson	Seminar
168.0	0.0	168.0	0.0

Type of course:obligatory

Academic year:2024/25

Language of instruction (for optional and elective subjects):

Course code:

AOKNSG1131_1A

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

Course coordinator name: Dr. Masszi Tamás Pál (Klinika igazgató)**Course coordinator location of work, telephone availability:** Belgyógyászati és Hematológiai Klinika +3613754364**Course coordinator position:** klinikaigazgató**Course coordinator Date and number of habilitation:** 2010.06.07., száma: 305

Objective of instruction and its place in the curriculum:

The main purpose of the summer internship in internal medicine after the 6th semester is to practice the technique of history taking and physical examination, to get to know practical clinical work in detail, to participate in it, and to apply the knowledge gained from preclinical subjects. Learning the basics of the integrative approach to internal medicine, practicing differential diagnosis.

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

practice, individual tasks and small group work during the practices

Competencies acquired through completion of course:

Completion of the course will enable the student to develop a professional physician-patient relationship, learn the elements of medical interview and types of medical documentation. Students will also obtain practice in basic physical examination.

Our goal is that by the end of the internship, the student will be able to admit a patient under supervision, start an examination, set up a diagnostic and – if possible – therapeutic plan, and carry out routine care activities.

Course outcome (names and codes of related subjects):

Prerequisites for course registration and completion: (CODE):

AOKNSG1127_1M Entrance requirements for the propedeutics subject, as well as obtaining a signature from the propedeutics subject. Taking the propedeutics exam is not a prerequisite for participating in the summer internship.

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:

Students register through the Neptun system, 20 students/month

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!)

The students spend 8 hours a day, 5 days a week, for one month at the practice. They can participate in evening or weekend on-call work for +6 hours.

General: Getting to know the internal medicine department and the hospital. Patient examination, care of designated patients at the assistant physician level under appropriate supervision, taking into account that students have not finished their pharmacological education.

Anamnesis:

- interviewing patients, describing the received information using organized medical terms
- interpretation of the medical history in the patient's documentation (expanding abbreviations, recognizing connections between events)
- considering the expected home treatment based on the medical history

Medication:

- connecting the names of the drugs taken by the patient and the active ingredients
- finding the indication of the medications taken (in the medical history)
- setting up a treatment plan for the disease justifying the admission of the patient

Physical examination:

- practice of the entire examination, reporting the findings
- performing targeted examination (e.g. dyspneic patient, anemic patient, liver cirrhosis patient)
- recognizing the correlations between the obtained physical examination results and the medical history

Practicing the most important medical interventions:

- Examination of the pulse, blood pressure, fever, weight, blood sugar measurement
- Medicines administration methods
- Learning the technique of taking blood, giving injections, administering insulin, learning about the practical use of a pen (possibly an insulin pump)
- Preparation and administration of infusions with supervision, familiarization with the transfusion process
- Use of instrumental diagnostic tools (ECG, Doppler, ultrasound, monitor, blood gas)
- Getting to know the documentation of patient care (chart, medical file, blood glucose chart, fluid chart, critical patient observation chart) and managing it independently. Professional referral of a patient known to the student and followed during a department head/professor round.
- Mastering the relationship with the patient and his relatives, with particular regard to patient information and medical confidentiality. Getting to know and explaining the declarations of consent required for interventions, obtaining consent.
- To the extent possible, participation in consultations, imaging examinations, instrumental

examinations, and clinicopathological discussions, especially in connection with a patient known to the student.

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:

According to the rules of the University, students are required to participate on at least 18 / 20 days (90%). This is evaluated through attendance sheets signed by the tutor.

In case of illness or unforeseen special circumstances of the student, retake is feasible based on an individual agreement with the course coordinator, with the permission of the course director.

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)

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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:

Participation on at least 90% of the summer practice and completion of coursework (logbook and case reports) by the end of the practice. At the end of the course, after the student has taken his/her attendance sheet to the secretariat, the Course Director grants credits to students in the Neptun system.

Type of assessment:

gyakorlati vizsga_en

Examination requirements (list of examination topics, subject areas of tests, lists of mandatory parameters, figures, concepts and calculations, practical skills, optional topics

for the project assignment recognized as an exam and the criteria for its completion and evaluation)

The presentation of the activity log and the assessment of the items of the general topic list in the form of a bedside discussion.

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)

Completion of the exercise is confirmed by a signature. The signature is based on the activity shown during the practice and a complex patient examination at the end of the practice

List of coursebooks, textbooks, study aids and literature facilitating the acquisition of knowledge to complete the course and included in the assessment, precisely indicating which requirement each item is related to (e.g., topic by topic) as well as a list of important technical and other applicable study aids; possibility of individual or group student consultation, if available:

Online resources:

Required	No
Title	
Link	https://itc.semmelweis.hu/moodle/

Printed resources:

Required	No
Author	Kasper, Fauci, Hauser, Longo, Jameson, Loscalzo
Title	Harrison's Principles of Internal Medicine. 20th Ed.,
Publisher	
Year of publication	2018

Required	No
Author	Lynn S. Bickley
Title	Bates' Guide to Physical Examination and History Taking. 12th
Publisher	
Year of publication	2017

Required	No
Author	Papadakis, McPhee, Rabow
Title	CURRENT Medical Diagnosis and Treatment

Publisher	
Year of publication	2018

Required	No
Author	Porter
Title	The Merck Manual of Diagnosis and Therapy. 20th Ed.
Publisher	
Year of publication	2018

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

Signature of the director of the host institution:

Date of submission:
