

**Semmelweis University, Faculty of Medicine - single, long-cycle medical training -
Osztatlan általános orvos képzés**

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

Belgyógyászati és Onkológiai Klinika

Name of subject: Belgyógyászati propedeutika

in English: Internal Medicine - Propedeutics

in German: Innere Medizin - Propädeutik

Credit value: 3

Semester: 5th semester

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

Hours per week	Lecture	Practical lesson	Seminar
3.0	0.0	3.0	0.0

Hours per semester	Lecture	Practical lesson	Seminar
0.0	0.0	0.0	0.0

Type of course:

obligatory

Academic year:

2025/26

Language of instruction (for optional and elective subjects):

Course code:

AOKBOK1112_1A

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

Course coordinator name: Dr. Takács István (igazgató)

Course coordinator location of work, telephone availability: Department of Internal Medicine and Oncology, Semmelweis University, Tel: 06-1-459-1500/51520

Course coordinator position: professor, department head

Course coordinator Date and number of habilitation: 2011, 328 (Semmelweis University)

Objective of instruction and its place in the curriculum:

The primary objective of Internal Medicine Propedeutics is to acquire clinical proficiency in two relevant areas: health history and physical examination. During bedside practices students learn how to interview a patient and take the health history. They are introduced to and practice the techniques of physical examination, and they experience and interpret the common and typical findings in health and in diseases. By learning the essential elements of the diagnostic process, Internal Medicine Propedeutics is a fundamental discipline not only for Internal Medicine but all

clinical fields of medicine.

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

bedside practices

Competencies acquired through completion of course:

Completion of the course enables medical students to take medical history from an adult patient, to conduct a comprehensive physical examination and to interpret and summarize the findings in a medical document. Students also learn how to develop a professional physician-patient relationship. After completion of the course, students have the opportunity to improve their knowledge during the obligatory Summer Practice.

Course outcome (names and codes of related subjects):

Prerequisites for course registration and completion: (CODE):

Macroscopic Anatomy and Embryology II, Introduction to Patient Care, Medical Genetics and Immunology II OR Medical Physiology II, Macroscopic Anatomy and Embryology II, Introduction to Patient Care

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

Not applicable.

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

Based on student registration in Neptun.

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. Introduction to medicine. Patient interview and health history
2. Approach to symptoms, patient documentation (patient chart, flowsheet, follow up)

3. Methods of physical examination: inspection, palpation
4. Methods of physical examination: percussion, auscultation
5. Physical examination of the thorax and lung I.
6. Physical examination of the thorax and lung II.
7. Physical examination of the heart I.
8. Physical examination of the heart, ECG evaluation.
9. Blood pressure and pulse measurement, evaluation of the vascular system
10. Physical examination of the abdomen I.
11. Physical examination of the abdomen II.
12. Evaluation of changes in body temperature and examination of the urogenital system. Bedside blood glucose measurement.
13. Physical examination of the musculoskeletal system, breasts and lymph nodes.
14. Summary and review.

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 75% of all sessions. 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 (studinger.peter@semmelweis.hu), 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)

There is no formal midterm evaluation. Students are individually followed for their progress by the tutor of the group during the patient oriented practices. The objective is to allow the teacher and students develop a personal relationship with regular feedbacks on their advances and areas that

need further improvement.

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

Not applicable

Requirements for the successful completion of the course:

Participation on at least 75% of all sessions. 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:

terminal examination

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

The exam has two parts: bedside patient examination followed by answering two questions from the topic list.

During bedside patient examination the student is required to demonstrate the acquired skills in taking medical history and physical examination as well as interpret the findings.

The oral question part allows the student to demonstrate lexical knowledge.

Topic list for the oral questions

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1. Components of a comprehensive patient interview, medical history.
2. Significance of inspection in the physical examination.
3. Pulmonary findings during auscultation.
4. How to differentiate pneumonia, pleural effusion, bronchitis, asthma pneumothorax with physical examination.
5. Physical signs of dispoene, their causes and differentiation.
6. Rules of auscultating the heart, heart sounds and murmurs.
7. Systolic murmurs.

8. Diastolic murmurs.
9. Diagnosing mitral stenosis with physical examination.
10. Diagnosing mitral insufficiency with physical examination.
11. Diagnosing aortic stenosis with physical examination.
12. Diagnosing aortic insufficiency with physical examination.
13. Physical signs and symptoms a circulatory failure.
14. Physical examination of the large vessels, arteries and veins.
15. Measuring body temperature, types of fever.
16. Significance of changes in complete blood count and differential count.
17. Signs of iron deficiency.
18. Palpation of the spleen, causes of splenomegaly.
19. Examination of the lymph nodes. Causes of lymphadenomegaly.
20. The significance of scoring performance status in oncological diseases.
21. Methods and significance of assessing bone mineral density.
22. Methods of examining the urogenital system. Signs of urinary tract infection.
23. Palpation and auscultation of the abdomen. Abnormal findings.
24. Diagnosis of acute abdomen, list possible causes.
25. Physical findings in patient with ascites.
26. Physical examination of the liver.
27. Signs and symptoms of gall bladder stones, examination methods.
28. Signs and symptoms of acute and chronic cholecystitis, examination methods.
29. Signs and symptoms of acute and chronic pancreatitis, examination methods.
30. Signs and symptoms of diseases of the small and large intestine, examination methods.
31. Diagnosis of acute appendicitis.
32. Signs and types of ileus.
33. Physical signs and symptoms of endocrine diseases.

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.

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)

A grade from 1 (fail) to 5 (excellent) is given, that is the mean of the three scores obtained for the oral and bedside patient examination.

There is not any possibility of an offered grade.

Retake of a failed exam is feasible in the exam period or on the extracurricular exam week, according to the rules of the University

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

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	pdf.igen
Title	
Link	itc.semmelweis.hu

Printed resources:

Required	pdf.igen
Author	Lynn S. Bickley
Title	Bates' Guide to Physical Examination and History Taking.
Publisher	Wolters Kluwer, 12th Ed.
Year of publication	2016

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

Signature of the director of the host institution:

Date of submission:
