

**COURSE REQUIREMENTS**

Semmelweis University, Department of Internal Medicine and Oncology
Course name: Internal Medicine I, Faculty of Dentistry Credits: 3 Contact hours: 42 Lecture: 14 hours bedside practice: 28 hours Type: <u>obligatory</u> / elective
Year: 2022/2023 1 st semester
Subject code: FOKBOK300_1A
Course director: Prof. dr. István Takács Title: professor, department head Date and number of habilitation: 2011, 328 (Semmelweis University) Course coordinator: dr. Péter Studinger
Objective of the course and how it fits in the educational curriculum: Primary objective of the course is to have the student to acquire the basic skills of obtaining a proper medical history, learn the bases of physical examination and other methods of patient evaluation, establishing diagnosis and treatment plan. Diseases of the endocrine, gastrointestinal and urogenital system will be reviewed, with special emphasis on their dental significance.
Location: Department of Internal Medicine and Oncology 2/a Korányi S. st., Budapest, 1083
Skills obtained by successful completion of the course: Completion of the course will enable the student to perform basic medical patient evaluation (history and physical examination), and acquire knowledge in the diagnosis and treatment of relevant endocrine, gastrointestinal, and renal diseases.
Prerequisites of the course: General and oral pathophysiology
Number of students (minimum, maximum) required to initiate the course There are not any minimum or maximum requirements.
Registration to the course: Through the Neptun system
Lectures: 45 min/week Monday, 11:30-12:15. Department of Internal Medicine and Oncology, Lecture Hall. 1. Medical patient interview, comprehensive health history, techniques of physical examination. Alterations of the skin. (István Takács)

2. Assessment of vital signs. Role of physical examination in emergency situations. Examination of a patient in shock, sudden dyspnea. (Viktor Horváth)
3. Examination of the chest, common abnormal findings. (Krisztina Hagymási)
4. Examination of the abdomen, common abnormal findings. (Katalin Müllner)
5. Diagnosis / treatment of thyroid diseases and their relevance to dentistry. (Péter Reismann)
6. Types, diagnosis and treatment of diabetes mellitus, relevance to dentistry. (Gyöző Kocsis)
7. Diseases of the calcium metabolism, diseases with altered bone composition. (Judit Tőke)
8. Diseases of the upper gastrointestinal tract, malabsorption and their relevance to dentistry (Hajnal Székely)
9. Diseases of the lower gastrointestinal tract, gastrointestinal neoplasms. (Katalin Müllner)
10. Diseases of the liver and biliary tract, their relation to dental diseases. (Krisztina Hagymási)
11. Causes of hypertension, treatment options. Management of hypertensive emergency. (István Barna)
12. Acute diseases of the urogenital system, electrolyte disturbances. (Nikolette Szücs)
13. Causes and management of chronic kidney disease. (András Tislér)
14. Diagnosis and management of the most common intoxications (Miklós Szathmári)

Bedside practices: 2x45 min/week

Monday, 12:30 – 14:00, Department of Internal Medicine and Oncology

Additional assignments to be completed for the course:

None

Required attendance:

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.

Midterm evaluation:

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 feed backs on their advances and areas that need further improvement.

Requirements for obtaining the signature for the course:

Participate on at least 75% of all sessions. At the end of the semester, once the tutor certified that the student met this requirement be evaluating the attendance sheets, the course director grants credits to students in the Neptun system

Exam type:

No formal exam, signature and evaluation are based on activity during practices: excellent (kiválóan megfelelt), pass (megfelelt) or fail (nem felelt meg).

Exam requirements:

No formal exam

Scoring the exam results:

No formal exam, signature and evaluation based on activity during practices: excellent (kiválóan megfelelt), pass (megfelelt) or fail (nem felelt meg).

Registration to the exam:

no formal exam

Failed exams:

no formal exam

Recommended print, electronic and online learning material:

lecture slides provided online after registration (bell.semmelweis.hu/)

Zammit – Sandilands: Essentials of Kumar & Clark's Clinical Medicine, 7th edition, Elsevier, 2021.

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course director