

REQUIREMENTS

Semmelweis University, Faculty of Medicine
Angol nyelven¹: Internal Medicine II for Faculty of Dentistry Credits: 2 Contact hours: 28 lectures: 14, practicals: 14 seminars:0 Type of the course: <u>compulsory</u> obligatory elective elective
Academic year: 2019/2020 2nd semester
Subject code:
Lecturer of the course: dr. Masszi Tamás professor, department head Contact Telephone: 06-1-375-4364
The goals of the course in point of view of the education: The student continues acquiring 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. The dental aspects of the diseases will be emphasized.
Location of the course: Semmelweis Egyetem, Department of Internal Medicine and Hematology, 1088 Budapest, Szentkirályi. u. 46.
Competences acquired by completion of the course: The student will learn the diagnosis and the treatment of main cardiovascular, hematological, immunological, and infectious diseases.
Pre-study requirements and prerequisites of course registration and completion: Pathology, Microbiology, Internal Medicine I
Number of students required for announcement of course (<i>min.</i>, <i>max.</i>): The number of students registered in the NEPTUN System.
Method of course registration: Through the NEPTUN System
Detailed course/lecture description¹: <i>(to facilitate credit recognition in other institutions)</i> Weekly 1x45 min. <ol style="list-style-type: none">1. Bronchitis, COPD, pneumonia2. Coronary heart disease, cardiac arrhythmias, conduction disturbances3. Valvular diseases, IE4. Thromboembolic diseases (DVT, PE)5. Blood coagulation (diseases, anticoagulant treatment)6. Dental procedures before surgery (bridging, infection control)7. Anemia8. Leukemia, lymphoma, MM9. Dental aspects of oncologic diseases

10. Principles of antimicrobial treatment
11. Viral infections
12. FUO, sepsis
13. SLE, Sjögren, RA
14. Allergic diseases (medication, rhinitis, anaphylaxia)

Bedside practice 1x45 min / week following the same topic order. Lecturers and instructors are to be given later

Courses (*obligatory and elective*) which in part or entirely overlap the topics of above course:

Pathology, Microbiology

Special academic work required for completion of the courseⁱⁱ: None

Attendance on practices and lectures, replacement in case of missed sessions:

According to the rules of the University, students are required to participate on at least 75% of all sessions.

Consequences of absence from sessions and exams:

No signature for the semester, not allowed to take exam

Method of checking acquired knowledge during the study periodⁱⁱⁱ:

final exam

Requirements of an accepted semester (*signature of the lecturer*):

Participate on at least 75% of all sessions, proven by attendance sheets.

Type of the exam:

final exam

Requirements of the exam⁵:

1. Diagnostic procedures of pulmonary diseases.
2. Pneumonia. Bronchitis. COPD.
3. DVT and PE.
4. Investigation of the cardiovascular system.
5. Hypertension. Hypertensive emergencies.
6. Cardiac arrhythmias and conduction disturbances
7. Acute and chronic heart failure. Dissection of the aorta.
8. Valvular diseases. Rheumatic fever.
9. IE
10. Ischemic heart disease, acute myocardial infarction.
11. SLE. Sjögren' syndrome.
12. Rheumatoid arthritis
13. Allergic diseases
14. Evaluation of the patient with anaemia
15. Iron deficiency anaemia.
16. Megaloblastic anaemia. Aplastic anaemia. Hemolytic anaemia.
17. Leukaemia
18. Myeloma multiplex
19. Diseases of hemostatis. Trombocytopenia.
20. Lymphoma
21. Symptoms and diagnosis of diabetes mellitus.
22. Treatment of diabetes mellitus

23. Complications of diabetes mellitus.
24. Disorders of the thyroid.
25. Disorders of the parathyroid gland. Osteoporosis
26. Viral diseases.
27. Sepsis, septic shock.
28. Intraabdominal infections (cholangitis, cholecystitis, abdominal abscess, diverticulitis)
29. Erysipelas, cellulitis, osteomyelitis
30. Principles of antimicrobial treatment.
31. FUO
32. Acute abdominal catastrophes.
33. Gastrointestinal bleeding.
34. Ventricular and duodenal ulcer.
35. IBD (Crohn, ulcerative colitis)
36. Colorectal cancer. Malabsorption.
37. Symptoms and investigations of hepatic diseases. Differential diagnosis of jaundice.
38. Acute and chronic hepatitis.
39. Liver cirrhosis
40. Diseases of the biliary tract.
41. Signs and symptoms of urogenital diseases.
42. Clinical syndromes of renal diseases. Renal involvement in systemic diseases.
43. Acute kidney failure.
44. Chronic kidney failure.
45. Pyelonephritis and ÚTI. Nephrolithiasis.
46. Dental aspects of cardiovascular diseases.
47. Dental aspects of oncologic diseases.
48. Preoperative dental procedures.
49. Anticoagulation and its dental aspects.

Grading of courses:

There will be 3 topics on the final exam which equally count into the final grade

Exam registration:

Through the NEPTUN System

Rules of repeating exams:

According the Studies and Exams Code

List of textbooks, lecture notes and recommended textbooks:

- lecture slides provided online after registration
- Kumar P., Clark M.: Kumar & Clark's Clinical Medicine, 9th edition, Elsevier, 2017
- Kasper– Fauci –Hauser – Longo – Jameson – Loscalzo: Harrison's Principles of Internal Medicine.
- Cecil's Textbook of Medicine

Signature of the 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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ⁱ Detailed and numbered for each week of theoretical and practical lessons one by one, indicating the names of lecturers and instructors

ⁱⁱ Eg. field practice, medical chart analysis, survey conducting, etc.

ⁱⁱⁱ Eg. homework, report, midterm exam etc. Topics, dates, method of retake and replacement.