

2022/2023
Internal Medicine Propedeutics – 2nd Semester

Neptun code: AOKBOK782_1A

Lectures: 1x45 min/week, Monday, 8:00-8:45, Department of Internal Medicine and Hematology!!!

Practices: 3x45 min/week

Monday, 12:30-14:45, Department of Internal Medicine and Oncology

Requirements for obtaining the signature for the course: Participation on at least 75% of all sessions. At the end of the semester, after the student has taken the attendance sheet to the secretariat, the Course Director grants credits in the Neptun system.

Exam type: semi-final, oral exam. First, students demonstrate patient examination skills bedside, and then, discuss two topics from the topic list with the examiner.

Lectures:

- 13/02 Patient interview, comprehensive health history. (Takács I)
- 20/02 Techniques of physical examination: inspection, palpation, percussion, auscultation. (Nébenführer Zs)
- 27/02 Measurement and evaluation of body temperature. Evaluation of body weight, height, composition. Urinalysis, measurement of urine output. (Szabó G)
- 06/03 Physical diagnosis of the common pleural and pulmonary syndromes. I. (Peskó G)
- 13/03 Physical diagnosis of the common pleural and pulmonary syndromes. II. (Peskó G)
- 20/03 Heart sounds and murmurs, diagnosis of valvular diseases. (Pozsonyi Z)
- 27/03 Evaluation of blood pressure, pulse, and vascular system. (Horváth V)
- 03/04 Physical examination of the abdomen and hernias. (Folhoffer A)
- 10/04 HOLIDAY (Easter Monday)
- 17/04 Signs, symptoms and differential diagnosis of “acute abdomen”. (Mihály E)
- 24/04 General diagnostics of the kidney and the urinary tract. (Barna I)
- 01/05 BANK HOLIDAY
- 08/05 Examination of the lymph nodes. Physical and laboratory evaluation of the hematologic diseases. (Farkas P)
- 15/05 Signs and symptoms of diseases of the endocrine system. (Lakatos PA)

Practices:

- w1. Introduction of the Department. Patient history taking I.
- w2. Patient history taking II. Patient documentation (patient chart, flowsheet, follow up).
- w3. Components of physical examination: inspection and palpation.
- w4. Components of physical examination: percussion and auscultation.
- w5. Physical examination of the lungs I.
- w6. Physical examination of the lungs II.
- w7. Physical examination of the heart I.
- w8. Physical examination of the heart II. ECG.
- w9. Blood pressure measurement. Evaluation of the vascular system.
- w10. Physical examination of the abdomen I.
- w11. Physical examination of the abdomen II.
- w12. Measurement of body temperature and body weight. Urinalysis. Bedside blood glucose measurement.
- w13. Evaluation of the musculoskeletal system. Examination of the lymph nodes and the breast.
- w14. Revision and summary.

Tutors:

Monday 12:30-14:45

Group 05/1 dr. Ferencz Viktória

Group 05/2 dr. Körei Anna

Group 06/1 dr. Folhoffer Anikó

Group 06/2 dr. Bús Máté

Group 07 dr. Garam Nóra

Group 08 dr. Gönczi Lóránt

Group 09 dr. Sumánszki Csaba

Topic list for the semi-final exam:

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 dispnoea, 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 of 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

Suggested print, electronic, online material:

1. Lynn S. Bickley: Bates' Guide to Physical Examination and History Taking. (Wolters Kluwer, 12th Ed., 2016.)
2. Kumar & Clark's Clinical Medicine. Ed. Feather, Randall, Waterhouse. Elsevier, 10th ed. 2020. ISBN 9780702078682
3. Harrison's Principles of Internal Medicine. Ed. Jameson, Fauci, Kasper, Hauser, Longo, Loscalzo. 20th ed. McGraw Hill Inc. 2018
4. Lecture slides provided online after registration (*bell.semmelweis.hu*)

Budapest, 30/01/2023

Prof. Dr. Takács István
course director