Study Affairs Commission
University of Ljubljana
Faculty of MEdicine

Univerza *v Ljubljani*
Medicinska fakulteta

Vrazov trg 2
SI-1000 Ljubljana
E: ksz@mf.uni-lj.si
T: +386 1 543 7700

Course Regime

Course

Propedeutics

Study Programme

Medicine

Course type

Compulsory

Year of the Course

1. ☐ 2. ☐ 3. ☑

Semester

Winter

No. of ECTS credits

12

4. ☐ 5. ☐ 6. ☐

Lecturer(s)

Jana Brguljan Hitij, Marko Snoj

Participating Organisational Units (Departments and Institutes)

Department of Internal Medicine, Department of Surgery

Parts (Modules) of the Course

1: Internal medicine

2: Surgery

3:

4:

Date of Issue

15. 9. 2019

A. General Part *(applies to compulsory and elective courses)*

1. Course objectives

To teach the student the basics of clinical examination, which consists of medical history and physical examination. Complementing the art of history taking and its proper recording. In the first part of the semester: teaching of the basic techniques of physical examination. In the second part of the semester: teaching of focused history and focused physical examination with the creation of a working diagnosis.
To prepare the student for specific conditions and requirements in operating rooms.

2. Comprehensive outline of the course organisation

360 hours, of which contact hours: 55 hours of lectures, 120 hours of practical classes and 30 hours of additional lessons, plus an independent student work of 155 hours. For the internal medicine part, an 90% presence is required at clinical practice contact hours. Replacement should be arranged individually with the leader of the practical classes, and in the case of longer absences with the nominated teacher.
Surgical part consists of 12 hours of lectures and 1 hour of practical classes out of the whole quota of contact hours. Practical class is mandatory, while at lectures a 70% presence is required. The presence at lectures is validated and signed by the lecturers on the presence form at the end of the lecture. Each student should print out his/her presence form from the Department of Surgery's web site.

3. Description of on-going assessment of knowledge and skills

During practical classes by the practical class leader.
At the beginning of clinical practice the assistant checks whether the studnet is prepared for the lecture.
Quizes at the e-learning site.
Each student should send 10 anonymized histories and physical examination reports to the e-learning site during study year.

4. Required conditions for the final examination (Course Exam)

An 90% presence at the Clinical practice. At least 75% answered quizes at the e-learning site. 10 anonymized histories and physical examination reports at the e-learning site.
For surgical part, a 70% presence at lectures and obligatory presence at the practical class.

5. Final assessment and examination of knowledge and skills (Course Exam)

Partial written exam for surgical part. Written and practical exam with practical skills review on internal medicine part.

6. Other provisions

A passed practical exam of physical examination skills is a prerequisite for entering a written exam in theoretical knowledge on internal medicine part. Each of the exams equally contributes to the final grade. If the student is in between grades, we also consider the assessments of parts of the practical exam, the number of points in the written exam and, if necessary, the assessment of the practical class leaders.
The internal medicine theoretical exam consists of 60 multiple choice questions. It takes 60 minutes. More than 60% of answers should be correct to pass the exam.
A passed written partial exam on surgical part is a prerequisite for entering the theoretical exam, but it does not affect the final grade. The surgical partial written exam consists of 30 multiple choice questions. It takes 30 minutes. More than 15 correct answers are needed to pass the partial written exam.

7. Fundamental study material and Supplement reading

1. Lectures (available at the e-learning site at https://pouk.mf.uni-lj.si/enrol/index.php?id=137)
2. Priročnik internistične propedevtike. Poredoš P, Kveder R, Fras Z (eds). Ljubljana: Katedra za interno medicino, Medicinska fakulteta, 2010.
3. Interna medicina. Peta izdaja. Košnik M, Štajer D (eds). Ljubljana, Medicinska fakulteta, 2018 (selected chapters - pages 1-70, 119-135, 357-359, 947-951, 1303-1308).
4. Klinična preiskava. Kocijančič A (ed). Ljubljana, Littera picta, 2000.
5. Clinical Examination. Epstein O, Perkin GD, Cookson J, et al (eds). London, Mosby, 2008.
6. Lectures (available at the e-learning site of the Department of anesthesiology and reanimatology)
7. Praktikum ambulantne operacijske kirurgije. Smrkolj V (ed). Ljubljana, 2006.
8. Kirurgija. Smrkolj V (ed). Ljubljana, Grafika Gracer, 2014 (izbrana poglavja).
9.Textbook of Surgery. Townsend CM et al.(eds.), Philladelphia, Elsevier, 2016.

8. Exam topics, clinical presentations and skills

Exam topics:

Introduction to propedeutics (presentation of the subject, approach to the patient: first contact with the patient). Medical history (the ability to listen to the patient and to ask meaningful questions, inductive, deductive history, identification and description of the main symptom; family history, medication history, vegetative functions, tobacco, alcohol, illicit drugs and social history). Physical examination: general impression. Head and neck. Examination of the chest, breast and lung. Overview of heart (inspection, palpation, evaluation of pulse, blood pressure measurement). Heart tones and murmurs. Overview of the abdomen. Overview of kidneys and male genital organs. Overview of arteries and veins. Review of joints, muscles and skeleton.

Patient with chest pain, patient with acute abdominal pain, patient with difficulty in breathing, patient with cyanosis, patient with edema, patient with heart failure, patient with jaundice, patient with ascites, patient with disorders of micturition, patient with fever, patient with enlarged lymph nodes, patient with enlarged thyroid, patient with disturbance of consciousness, patient with acute / chronic joint pain, patient with bleeding, patient with pain in extremities.

SURGICAL PART

Wound healing, acute and chronic wound, surgical infections of soft tissues and necrotising fasciitis, surgical instruments and devices, surgical materials, surgical techniques, surgical wound complications, antisepsis, asepsis, operating room - its environment and resources, diabetic foot.

History of anesthesiology, general and regional anesthesia; preoperative evaluation; ASA; airway examination, artificial airway, premedication (its aim, drugs), intraoperative

9. Other information

B. Elective Courses *(considered as Elective Course Annoucement)*

1. **Participating main and guest lecturers**

2. **Estimated time period in the semester**

3. **Maximum number of students for the elective course (if the number of students able to attend the course is limited)**

4. Please specify if the elective course is available in English for incoming international students (Erasmus + and others). Please specify any additional conditions in the case that the elective course is available for visiting students.

Additional explications and notes::

1. The Course Regime enters in force on the date of issue and remains valid until its revocation or alteration. The Course Regime may not be altered during the academic year. Any changes to the Course Regime may only enter into force starting with the next academic year (changes must be submitted no later than 14 days prior to the start of the academic year as the new Course Regime).

2. The Course Regime for compulsory courses must be published no later than 14 days prior to the start of the academic year.

3. The Course Regime for elective courses is also considered the Elective Course Announcement and must be published no later than the 30th of July prior to the start of the academic year in which it enters in force.
4. The Course Regime must be published in Slovenian and English.

5. In the Course Regime, the »Regulations for the Assessment of Knowledge and Skills for the Single-Cycle Master Study Programmes Medicine and Dental Medicine« will be referred to as "Regulations".

case of any further questions, please contact the Study Affairs Commission of the UL MF, via e-mail: ksz@mf.uni-lj.si.