Study program : MEDICINE

Type and level of studies: Integrated academic studies, Level 1/2

Course unit: INTERNAL MEDICINE 2

Teacher in charge : Professor Natasa Zdravkovic, MD, DSc

Language of instruction : ENGLISH

ECTS: 9

Prerequisites: Semi-completed course in internal medicine

Semester: WINTER SEMESTER

Course unit objective: Acquiring knowledge and skills in internal medicine.

Learning outcomes of Course unit:

- Knowledge about medical treatment of the most prevalent internal medicine disorders (e.g. anemia, acute leukemia, lymphoproliferative disorders, diabetes mellitus, endocrine glands disorders, inflammatory bowl diseases, colorectal carcinoma, renal failure, rheumatoid arthritis, seronegative arthropathy, anaphylaxis, etc.).
- Knowledge about medical prophylaxis of the most prevalent internal medicine disorders in population.
- Knowledge about clinically important adverse drug reactions and drug-drug interactions in internal medicine.
- Knowledge about interpretation of laboratory findings.
- Skills of patients examination and clinical interview in internal medicine
- Skills of making appropriate drug choices and tailoring dosage regimens according to the needs of patients

Course unit contents

Theoretical classes

Diagnosis and treatment of hematologic malignancies. Diagnosis and treatment of hemostasis and bleeding disorders. Diagnosis and treatment of anemia and leucocytes disorders. Diagnosis and treatment of endocrine gland disorders. Diagnosis and treatment of diabetes mellitus. Diagnosis and treatment of gastric and duodenal ulcers. Diagnosis and treatment of inflammatory bowl diseases. Diagnosis and treatment hepatic and gallbladder diseases. Diagnosis and treatment of gastric malignancies. Diagnosis and treatment acute and chronic renal failure. Diagnosis and treatment of glomerulonephritis and interstitial nephritis. Replacement of definitely impaired renal function. Diagnosis and treatment of urine infections. Diagnosis and treatment of rheumatoid arthritis and seronegative arthropathy. Diagnosis and treatment of systemic lupus erythematosus, systemic sclerosis, sjogren's syndrome. Diagnosis and treatment of osteoporosis. Allergological testing and treatment of inhalator and food allergies. Diagnosis and treatment of anaphylaxis. Clinically important adverse drug reactions and drug-drug interactions in internal medicine.

Practical classes

Principles of clinical interview in internal medicine. Principles of patient examination. Interpreting of laboratory and radiology findings. Principles tailoring dosage regimens according to a patient's needs. Discovering potential drug-drug and drug-food interactions. Causal interpretation of adverse events.

Literature

Jameson JL, et al. Harrison's Principles of Internal Medicine, 20th edition, New York: McGraw Hill Education, 2018.

Number of active teaching hours				**Other classes**
Lectures: 105	Practice: 90	Other forms of classes:	Independent work: 250	
Teaching methods: Lectures, practice in a clinic, clinical problems solving				
Examination methods (maximum 100 points)				
Exam prerequisites	**No. of points:**	**Final exam**		**No. of points:**
Student's activity during lectures		oral examination		**40**
practical classes/tests	**60**	written examination		
Seminars/homework				
Project				
Other				

Grading system		
Grade	**No. of points**	**Description**
10	**91-100**	**Excellent**
9	**81-90**	**Exceptionally good**
8	**71-80**	**Very good**
7	**61-70**	**Good**
6	**51-60**	**Passing**
5	**< 50**	**Failing**

Course unit description