

## COURSE SYLLABUS

### Internal Medicine

2324-3-H4601D013-H4601D034M

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#### Aims

The course aims to provide the student with specific knowledge on the most important chronic and acute illnesses, on the methods to identify and diagnose them, and on the principles for their treatment. A particular focus will be given on the diseases with potential impact for the dentists.

#### Contents

Diabetes and diseases of the endocrine system  
Hypo and hyperthyroidism  
Chronic respiratory diseases, asthma, pneumonia, pulmonary fibrosis, pulmonary embolism  
Coagulation system disorders  
Chronic and acute liver diseases, cirrhosis, complications.  
Osteoporosis, osteonecrosis of the jaw (ONJ), hip fractures  
Anaemia  
Cardiac valve diseases  
Acute and chronic kidney diseases  
Stroke and diagnostic tools of atherosclerosis  
Cardiovascular Covid \*

- only if there will be a relapse of the pandemic

#### Detailed program

Anaemia: classification, megaloblastic and iron-deficiency related anaemia, diagnostic examinations, principles of

treatment.

Pathophysiology of lung diseases, symptoms and signs, asthma, pneumonia, emogasanalysis, oxygen therapy, diagnostic examinations, principles of therapy.

Coagualtion system disorders; diagnosis and treatment

Classification of chronic liver disease, steatosis, autoimmune hepatitis, cirrhosis, complications of cirrhosis.

Bone metabolism, epidemiology of osteoporosis, diagnosis, osteonecrosis of the jaw, hip fracture, impact of hip fractures, treatment, prevention of the osteoporosis, orthogeriatric approaches

Kidney diseases: pathophysiology, approach to the patient with kidney disease, acute renal failure, chronic renal failure, glomerular disosders and syndromes.

Valve cardiac diseases: diagnosis and treatment

Stroke: overview and principles of treatment

Endocrine system disorders: pathophysiology of hypothyroidism, hyperthyroidism, and diabetes. Symptoms and sisgs, daignosis and treatment

## **Prerequisites**

attendance of 3rd year of the course

## **Teaching form**

Lessons in presence, unless different indications due to the COVID-19 (or other) pandemic

## **Textbook and teaching resource**

Slides and articles given on request by the teachers to the students

## **Semester**

Third year - second half

## **Assessment method**

Written exam with multiple-choice (closed and open-ended) questions and optional oral component (upon request by the student or the teacher)

During the COVID-19 pandemic, exams will be only oral via Webex platform. The students will receive a link for accessing the platform

## **Office hours**

By appointment

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING

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