### Contents

**INTERNAL MEDICINE: SUBJECTS**

**HEART FAILURE**  
Physio-pathological bases. Clinical features of acute and chronic heart insufficiency.

**PULMONARY EMBOLISM**  
Symptoms, diagnostic surveys and therapeutic approach.

**PRIMARY ARTERIAL HYPERTENSION**  
Slight, moderate, severe, accelerated, malignant hypertension. Clinical relevance of systolic AH. Genetic and environmental factors in AH.  
Organ damage in AH. Basic treatment. Effect of therapy on organ damage.

**SECONDARY ARTERIAL HYPERTENSION**  
Clinical and laboratory evidences leading to a diagnosis of different types

**ATHEROSCLEROSIS**  

**ARRHYTHMIAS**  
Atrial fibrillation, sinus node disease, AV block, life-threatening ventricular arrhythmias.

**JAUNDICE**  
Jaundice related to altered metabolism and bilirubin excretion. Differential diagnosis and complications of jaundice

**CIRRHOSIS**  
Etiopathogenesis, physiopathology, clinical evidences

**DIABETES MELLITUS**  
Etiopathogenesis, metabolic alterations. Therapies of Diabetes 1 e 2 and complications.

**COMAS**  
Diagnostic problems and therapeutic procedures in ketoacidosis coma, hyperosmolar coma, hypoglycaemic coma, hepatic encephalopathy, uraemic coma

**HYPERURICEMIAS**  
Primary and secondary

**METABOLIC SYNDROME**

**DISSEMINATED INTRAVASCULAR COAGULATION (DIC), signs and diagnostic surveys.**

**APPROACH OF THE PATIENTS WITH ASTHENIA, FEVER AND EDEMA**

**GENERAL SURGERY: SUBJECTS (Two class groups)**

- Hernias (inguinal, crural, incisional, laparocele)
- Neoplasias of the pancreas
- Neoplasias of the stomach
- Neoplasias of the colon
- Neoplasias of the rectum
- Diverticular diseases of the colon
- Polyps of the colon and rectum
- Cholecystic calculus
- Complications of cholecystic calculus
- Calculus of the bile duct
- Acute pancreatitis
- Primary liver cancer
- Liver metastases
- Benign tumours of the liver (angioma, adenoma, focal nodular hyperplasia, cysts)
- Echinococcal cysts
- Obstructive jaundice
- Digestive haemorrhages (upper, lower)
- Intestinal blockage
- Shock
- Portal hypertension
- Neoplasias of the biliary pathways
- Cholecystic neoplasias
- Peritonitis
- Other causes of acute abdomen (acute appendicitis, acute intestinal ischaemia, haemoperitoneum, choleperitoneum

**EXAMS**

The academic calendar will be published at the beginning of the academic year, together with the definitive dates for
Objectives

The course in INTERNAL MEDICINE AND GENERAL SURGERY (IMGS) will be held in the 2nd semester of the 5th year, after the courses in Systematic Pathology, Infectious Diseases, Semeiotics and Clinical Methodology. The aim of the course is to enable students to define the differential diagnostic criteria and the correct sequence of diagnostic procedures, illustrating links and correlations between the pathologies of specific organs and body systems with multisystemic pathologies.

The course in IMGS is integrated with the various medical and surgical specialist areas studied in the 4th year, so subjects dealt with in Systematic Pathology courses may be touched on again, for the purpose of applying differential clinical diagnostic criteria.

Material/Equipment required
Identity badge, White coat and stethoscope

Additional Costs
None