



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Patologia Medico-Chirurgica 3

2425-3-H4101D260

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#### Aims

##### **RHEUMATOLOGY:**

Elements of Semiotics (joint physical examination, laboratory tests, imaging); Epidemiology of rheumatic diseases, systemic connective- spondyloarthritis -vasculitis: etiology / pathogenesis, diagnostic criteria, laboratory and instrumental investigations, clinical picture, elements of therapy.

##### **HAEMATOLOGY:**

Etiology, anatomical and clinical characteristics of the main hematological (anemia, leukemia, myeloproliferative syndromes, coagulopathy). Interpretation of clinical signs and laboratory information for diagnosis; Including NGS techniques. Main therapeutic programs in hematology based on evidence.

##### **INFECTIOUS DISEASES:**

Etiology of major infectious diseases (bacterial, viral, fungal) and related clinical and laboratory typical signs for diagnosis and therapy.

##### **UROLOGY:**

Major urological syndromes, urogenital infections, Urinary, Oncology, Urology, Andrology Pathology, Laboratory Medicine.

##### **NEPHROLOGY:**

To provide evidence-based knowledge of the main medical diseases of the kidney and urinary tract. Ability to define the degree of renal function, to understand the major lab and diagnostics tests and ability in defining a diagnostic pathway. Knowledge of the main methods of renal replacement therapy: dialysis and transplantation

## **Contents**

To use the knowledge of Anatomy, Physiology, Biochemistry and others basic disciplines in dealing with organ and/or apparatus pathologies.

To be able to critically evaluate the commonly used diagnostic methods in medical practice.

To recognize the signs and symptoms of major diseases, to understand the results of laboratory and instrumental tests.

To know the pathogenesis and prognosis of the handled diseases.

## **Detailed program**

Detailed program is available under the section of each module

## **Prerequisites**

knowledge of Physiology, General Pathology, Microbiology

Prerequisite: Courses of General Pathology and Immunology, Medical Microbiology

## **Teaching form**

Frontal lessons, with audio-visual aids and open discussion in the classroom, practice in smaller groups (1-2 students) in outpatient clinics, wards and operating rooms.

## **Textbook and teaching resource**

Educational material is available under the section of each module

## **Semester**

second semester

## **Assessment method**

The assessment of achieved objectives will be verified usually with written tests and oral exam. 36 single-answer questions with 4 answers of which only one exact and oral exam. The student who passes the written test (minimum 22/36) is admitted to the oral test.

In exceptional cases:

- computer problems
- number of registered students less than 5  
the exam will be entirely oral.

## **Office hours**

see the section of each module

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | GENDER EQUALITY

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