



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Emergency

2425-4-H4102D029-H4102D113M

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#### Aims

to provide the basic physiopathologic mechanism, clinical pictures and treatment of non-metabolic and endocrinological emergencies.

At the end and after course all students will be able to:

- Know the physiopathology of sepsis and septic shock with particular focus on urosepsis.
- Know the physiopathology of acute kidney injury its emergency consequences and treatment, comprehensive of the treatment of hypovolemic shock and blood gases interpretation.
- Know the most common endocrinologic emergency and of the disorders related to electrolyte disturbances.
- Know the basic for the diagnosis and treatment of polytraumatized patient with particular attention to renal trauma.

#### Contents

Use the clinical signs, laboratory tests and diagnostic tools to diagnose the pathological process.

To know the Emergency approach to the pathological abnormalities.

#### Detailed program

Urosepsi

AKI: the emergency side

Fluid and electrolytes disturbances

Endocrinological emergencies

Renal trauma

### **Prerequisites**

None

### **Teaching form**

Frontal lesson

### **Textbook and teaching resource**

Oxford Textbook of Critical Care

Oxford

Cecil Textbook of medicine

Mc Grow Hill

### **Semester**

second semester

### **Assessment method**

Written test 30 multiple choice questions associated with oral assessment.

### **Office hours**

on appointment

## **Sustainable Development Goals**

QUALITY EDUCATION

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