



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Training in Emergency Room 1

2324-6-H4101D337-H4101D226M

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#### Aims

Clinical classification, monitoring, treatment setting of patients who present or are taken to the Emergency Department, both for internal medicine and surgical problems. Recognition and stratification of priorities.

#### Contents

Evaluation of the patient general conditions. Guidelines for the recovery and maintenance of the vital functions. Severity Index scores. Physiopathology of pain. The acute chest pain. Acute cardiac failure. Neurological emergencies. Coma and syncope. Intoxication. Thoracoabdominal trauma. Chest pain. Occlusions. Peritonitis. Digestive bleedings. Haemoperitoneum. Acute Respiratory Failures. Shock (diagnosis and treatment). Pulmonary oedema. Principles of cardiopulmonary resuscitation.

#### Detailed program

Learning the priority code system, detection of vital parameters in emergency conditions, evaluation of the patient in coma, interpretation of arterial blood gas analysis and acid base balance, differential diagnosis and approach to the patient in shock, evaluation of the polytrauma patient, differential diagnosis of respiratory insufficiency, differential diagnosis of chest pain, differential diagnosis in acute neurological disease, differential diagnosis of abdominal pain, principles of bed-side fast ultrasound, the request for radiological examination in medical and surgical emergencies. Electrolyte disturbances, diabetic comas, hepatic coma, clinical picture and differential diagnosis of acute renal failure. Acute retention of urine. Treatment of bleeding in the anticoagulated patient.

## **Prerequisites**

To be enrolled in the 6th year of the Master Course in Medicine and Surgery

## **Teaching form**

Internship

## **Textbook and teaching resource**

Emergenze Medico Chirurgiche G. Tiberio et al ed. MASSON. Slides

## **Semester**

12 months in period to be agreed

## **Assessment method**

Attendance

## **Office hours**

On demand according e-mail request

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING

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