



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Hot Topics in Emergency General Surgery: An Evidence Based Approach

2627-4-H4101D391

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#### Aims

The course aims to teach the fundamentals of evidence-based medicine through an in-depth exploration of topics related to emergency surgery.

The subjects covered will include literature searching, critical appraisal of scientific studies, study design, and critical evaluation of systematic reviews with meta-analysis.

The goal of the course is to provide tools and skills for the critical analysis of scientific literature according to the evidence-based medicine (EBM) approach

#### Contents

Literature search (PubMed and other platforms)

Reading a study

Study design

Reading a meta-analysis

#### Detailed program

During the course, while exploring topics in emergency surgery (starting from a clinical scenario), the following themes will be addressed:

- Conducting a literature search (PubMed and other platforms)
- Critically reading a scientific article

- Designing a clinical experimental study
- Critically reading a meta-analysis and interpreting its results

## **Prerequisites**

Surgical and Medical systematic and Medical statistics

## **Teaching form**

Interactive teaching with discussion of papers

## **Textbook and teaching resource**

scientific paper, provided by the teacher

## **Semester**

II semester

## **Assessment method**

assessment of the attendance to the Course

## **Office hours**

by mail to [marco.ceresoli@unimib.it](mailto:marco.ceresoli@unimib.it)

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION

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