



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

**A.A. 2020-2021**

2021-SP002D

---

### **Aims**

The Anesthesia, Critical Care and Pain Medicine Program at the University of Milan-Bicocca Medical School is a five-year residency that leads the successful physicians to become certified specialists, therefore eligible to work as anesthesiologists, intensivists or pain doctors within the Italian health care system and the European Union. Each year the Ministry of Health funds approximately 25 places in our program for eligible applicants. The education and training of an adequate number of anesthesiologists currently is a critical factor for the survival and development of several hospitals within the Italian public health care system. We feel the responsibility and the obligation to fulfill such duty to the highest possible level.

Our residents receive unparalleled education in anesthesia, critical care and pain medicine. This education stems from interactions with expert faculty educators, researchers, and outstanding co-residents across the several institutions included in our network. Our residents can expect to advance in their professional development at an accelerated pace. We support our residents' varied academic interests and have a long history of successfully helping them to attain their professional goals.

The rapidly expanding body of knowledge and the continuing introduction of new technology for the treatment of (adult and pediatric) surgical patients, as well as those affected by critical illnesses and chronic pain, have created a need for specialists highly trained in an extensive range of subspecialties. To achieve this goal, our residency program focuses on the knowledge, skills, and attitudes pertinent to the expected roles and competencies of the anesthesia and critical care medicine specialist.

The Residency Program is divided into several training blocks, ranging, on average, from 2 to 6 months. Every resident is evaluated on his/her clinical performance within each rotation. A parallel program of bi-weekly lectures or workshops is also offered. A yearly in-training exam is performed to evaluate the progress of all residents.

## **Contents**

The course is structured into five main areas of lectures, timely organized in order to match, as closely as possible, the increasing degree of complexity of the clinical rotations residents are progressively exposed to .

For any given resident, along the five-years training period, attendance is mandatory to year-specific classes. For selected guest lectures, although listed within the curricula of different course-years, attendance is strongly encouraged for all residents (marked with \*). All lectures are open to any resident or staff willing to attend.

The program recognizes the following 5 blocks:

- 1) Basic anesthesiology**
  
- 2) General intensive care**
  
- 3) Neuroscience, emergency patient management**
  
- 4) Anesthesia in special circumstances, cardiac anesthesia and critical care**
  
- 5) Subspecialty anesthesia and propaedeutic notions for future graduates.**

In addition, "Grand Rounds" featuring international guests will be organized, where attendance is mandatory for all residents.

Every lecture will be introduced by a member of the residency Director's board (SSD MED/41: Prof. Fumagalli, Prof. Citerio, Prof. Foti, Prof. Bellani, Dott. Pincirolì), with or without the valuable contribution of experts in the field of knowledge being addressed by each specific lecture.

## **Detailed program**

### **Prerequisites**

- MD degree
  
- Regular enrollment into the residency course according to the yearly national selection program
  
- Guest residents from other Italian or foreign programs can attend lectures as long as their attendance is approved by Director's board and home university.

### **Teaching form**

**Textbook and teaching resource**

**Semester**

**Assessment method**

**Office hours**

---