



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Clerkship in Anesthesia and Intensive Care 1 Hsg

2627-5-H4101D376

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#### Aims

Acquire skills related to the pathophysiology of acute neurological damage requiring intensive care admission and to the emergency situations specific to neurointensive care. The internship includes familiarization with specialized anesthesia equipment and neuromonitoring systems, and participation in clinical activities.

#### Contents

Attendance in the neurological intensive care unit or in neurosurgical or neurovascular angiographic operating rooms.

#### Detailed program

During their time in the operating room, students observe endotracheal intubation procedures and vascular cannulation techniques. They also assist in the anesthetic management during neurosurgical interventions, understanding the specifics of positioning, airway control, and ventilation in patients with neurosurgical diseases. In the neurointensive care unit, students observe the management of acute pathologies of traumatic, vascular, infectious, and other origins that cause acute damage to the central nervous system and require admission to specialized intensive care.

#### Prerequisites

from the 5th year of the Course  
knowledge of Physiology, Pharmacology, Neurology

### **Teaching form**

Participation in clinical activities as an observer (50 hours)

### **Textbook and teaching resource**

None

### **Semester**

First and second semester

### **Assessment method**

Interview and attendance signature

### **Office hours**

Upon request, by appointment  
giuseppe.citerio@unimib.it

### **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION

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