

# UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA

# **SYLLABUS DEL CORSO**

# Tecniche di Emergenza

2526-2-H4101D011-H4101D034M

#### **Aims**

Know how to recognize the main emergency conditions and perform initial rescue maneuvers while waiting for advanced help; being able to diagnose cardiac arrest, perform external chest compressions and mask ventilation on a mannequin; learn to use a semi- automatic defibrillator; knowing and applying international guidelines on basic life support. The course includes multiple-choice test.

#### Contents

The "Emergency Techniques" module within the course Semeiotica su Manichini consists of a theoretical part and practical exercises aimed at the early recognition of cardiac arrest and effective cardiopulmonary resuscitation, as well as the use of a semi-automatic defibrillator

### **Detailed program**

- · Complete algorithm for the management of cardiac arrest
- · Assessment of consciousness level
- · Evaluation of airway patency and presence of spontaneous respiratory activity
- Recognition of airway obstruction and respiratory arrest
- · Head tilt
- Early alert to advanced rescue services
- · Performance of high-quality external cardiac massage
- · Application of defibrillator pads
- Safe use of the semi-automatic defibrillator
- · Recognition of signs of circulation return

Recovery/safety position
Management of airway obstruction

# **Prerequisites**

Basic knowledge of anatomy and physiology

# **Teaching form**

Standard interactive lectures (2h), practical workshop in groups on mannequins (4 h)

# Textbook and teaching resource

Slides

### Semester

Second semester

### **Assessment method**

Practical test on a mannequin and a multiple-choice written exam

## Office hours

To be arranged via email (Thomas.Langer@unimib.it)

# **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | LIFE ON LAND