



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Emergency

2425-6-H4102D039-H4102D187M

Aims

- Gain knowledge of fundamentals of methods of hemodynamic monitoring from non-invasive to invasive systems
- Provide general advice about the diagnosis and management of septic shock and related clinical scenarios in pregnancy
- Provide general advice about the emergency treatment of preeclampsia and eclampsia
- Understanding the pathophysiology of hemorrhagic shock and provide general advice about the treatment of obstetric hemorrhages and intrapartum emergencies
- Gain knowledge of fundamentals of neonatal and pediatric resuscitation, starting from basics of evaluation of vital parameters in neonatal and pediatric patient

Contents

The course will provide basic knowledge for the diagnosis, monitoring, and treatment of the principal emergency situations in pregnancy, newborn and pediatric patients. Starting from the pathophysiology of medical and surgical emergencies in pregnancy, newborn, and pediatric, the course will provide instruments for the recognition and basic treatments of lifethreatening conditions.

Detailed program

- Fundamentals of hemodynamic monitoring

- Septic shock in pregnancy
- Preeclampsia and Eclampsia: Emergency Treatment
- Management of obstetric haemorrhages
- Intrapartum Emergencies
- Principles of neonatal Resuscitation
- Principles of pediatric Resuscitation

Prerequisites

Fundamentals of cardiovascular and respiratory physiology and pathophysiology
Fundamentals of shock types and pathophysiology
Fundamentals of BLS-D and ACLS

Teaching form

Teaching for a total of 10 hours of frontal lessons.

Textbook and teaching resource

The teaching material necessary for in-depth study of the lessons will be provided during their delivery.

Semester

First semester 6th year

Assessment method

There are no ongoing tests for this course.
For the evaluation method, please refer to the Syllabus of the Mother and Child track.

Office hours

on appointment by email

Sustainable Development Goals

