



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Anesthesiology - 5

2324-3-I0102D905-I0102D921M-T5

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#### Aims

Understanding anaesthesiological and resuscitative practices applied to obstetrics, gynaecology and neonatology.

#### Contents

- Principles of general and locoregional anaesthesia applied to gynaecology and obstetrics
- Principles of maternal and child cardiopulmonary resuscitation

#### Detailed program

Extra-genital physiological changes in pregnancy of anaesthesiological interest

Definition of Urgency/Emergency in obstetrics and gynaecology

Pain conduction systems

Epidural analgesia in labour: indications, techniques and complications

General Anaesthesia: basic concepts, drugs, airway management, intraoperative monitoring

Regional Anaesthesia: techniques commonly used in obstetrics-gynaecology, local anaesthetic drugs, toxicity from local anaesthetic drugs

Preoperative assessment in obstetrics, gynaecology and neonatology: operative risk

Anaesthesiological equipment

Main respiratory and cardio-circulatory monitorings used in obstetrics

Assistance in the delivery room, operating room and post-operative care

Main anaesthesia drugs: effects, maternal-fetal complications

Ministry of Health recommendations for safety in the operating room

Cardiopulmonary resuscitation in the adult woman

Cardiopulmonary resuscitation in the pregnant woman.

## **Prerequisites**

None.

## **Teaching form**

Lessons, trainings.

## **Textbook and teaching resource**

- PAIRMAN S., PINCOMBE J., THOROGOOD C., TRACY S. Midwifery. Preparation for practice, Churchill Livingstone - Elsevier, Marrikville, 2015, cap. 33, 36, 38, 39.
- MACKWAY KEVIN - JONES, JANET MARSDEN, JILL WINDLE, Manchester Triage System (MTS), 2° edition 2005. CAMBIERI, GIRARDI, D'ALFONSO, LUONGO,BOCK, Il reparto operatorio. Progettazione, organizzazione, Controllo, 1° ed. Il pensiero scientifico editore, Roma 2010
- ANGELINI D.J, LAFONTAINE D. Obstetric Triage and Emergency Care Protocols. 2013 Springer Publishing Company e-book

## **Semester**

I semester.

## **Assessment method**

Oral test with interview on the topics included in the course content.  
More information about the assessment will be given during the course.

## **Office hours**

On appointment.

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING

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