



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Obstetric, Gynaecological and Neonatal Life-Threatening Emergencies

2526-3-I0102D905

Aims

This course provides the skills for evidence-based obstetrical care in Emergency-Urgency situations, in which the student will be able to implement the care of the woman and newborn/newborn baby through Midwifery Partnership, Midwifery Management, ICF classification, and Rating Scales. Specifically, he/she will be able to:

Knowledge and understand

- Recognize the signs of emergency-urgent situations in obstetric, gynecological, and neonatal settings and understand their management and evolution.
- Understand anesthesiology and resuscitation practices as applied to obstetrics, gynecology, and neonatology.

Applying knowledge and understanding

- Analyze the characteristics of emergency situations and apply appropriate management procedures.
- Describe and practice anesthesia and resuscitation techniques in specific clinical situations.
- Use assessment tools to monitor and manage clinical conditions, implementing effective emergency-emergency interventions.

Making judgements

- Assess the evolving clinical condition of the woman and newborn and adapt intervention strategies.
- Apply scientific evidence and clinical guidelines for obstetric and neonatal emergency-urgency care.
- Collaborate with the multidisciplinary team and the woman, making autonomous and informed decisions within the Midwifery Partnership

Communication skills

- Communicate effectively with the woman and the health professions team, ensuring person-centred care.
- Use assessment tools and classifications to share clinical information in a clear and understandable manner.
- Actively collaborate with other professionals and the woman, fostering open and constructive dialogue.

Learning skills

- Keep abreast of new scientific evidence and guidelines in midwifery and neonatal care.
- Develop the ability to critically analyse clinical situations and procedures.
- Integrate new knowledge and skills to improve care and emergency management in midwifery

Contents

- Clinical, diagnosis and treatment of obstetrical-gynaecological and neonatal emergencies.
- Care of women with a diagnostic and therapeutic care pathway in obstetrical-gynaecological emergency-urgency conditions.
- Care (diagnostic and therapeutic) of the newborn in emergency-urgency conditions.
- Principles of general and locoregional anaesthesia applied to gynaecology and obstetrics
- Principles of maternal-infant cardiopulmonary resuscitation
- Effects and/or complications of drugs on mother, foetus and infant
- Communication skills necessary for the management of emergency-urgency situations

Detailed program

The detailed program can be found in the Syllabus of the individual modules that compose up the course

Prerequisites

None.

Teaching form

Lectures conducted prevalently in-presence with alternating delivery and interactive teaching.
Please refer to the syllabus of teaching modules for detailed description of the teaching mode.

Textbook and teaching resource

- VALLE A., BOTTINO S., MEREGALLI V., ZANINI A., LISSONI D., LOCATELLI A. Manuale di sala parto, edises, quarta edizione 2022
- RAGUSA A., CRESCINI C. Urgenze ed emergenze in sala parto. Piccin, 2016

- Cloherty e Stark's "Manuale di Neonatologia" 8 a edizione, 2017, Delphino editore
- "Linee Guida Cure Perinatali", 8 a edizione, traduzione AAP, e ACOG 2019, Delphino editore
- GARY M. WEINER, Manuale di rianimazione neonatale, Antonio Delfino Editore, 2022
- PAIRMAN S., PINCOMBE J., THOROGOOD C., TRACY S. Midwifery. Preparation for practice, Churchill Livingstone - Elsevier, Marrikville, 2023.
- BILLINGTON MARY & STEVENSON MANDY, Critical Care in Childbearing for Midwives, Blackwell Publishing, 2007.
- ANGELINI D.J, LAFONTAINE D. Obstetric Triage and Emergency Care Protocols. 2017 Springer Publishing Company e-book
- "La SEPSI IN OSTETRICIA" - Istituto Superiore di Sanità - 2020
- WINTER, DRYCOTT, MUCHATUTA, CROFTS (a cura di). PROMPT Course manual. Third edition. The PROMPT editorial team. 2017
- Amico-Roxas M., Caputi A.P., Del Tacca M. (2021) Compendio di farmacologia generale e speciale. Torino, UTET Scienze mediche

The bibliography can be found in the Syllabus of the individual modules that make up the course.

The teaching materials used (slides, work tracks, scientific articles) will be uploaded on the e-learning pages dedicated to the individual modules.

Semester

I semester.

Assessment method

The final exam aims to assess the acquisition of knowledge and understanding of the program content, and the ability to apply it with clinical reasoning and care planning.

It consists of a written exam followed by an interview.

The written exam consists of open-ended questions on the content covered in the Obstetrical Emergency Care Didactic Unit.

The oral examination involves the discussion of the written exam and an interview on the topics covered in class in all the Didactic Units that make up the teaching.

The use of correct terminology and appropriate disciplinary language will also be considered for evaluation.

Office hours

On appointment by prior email contact with the lecturer.

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | GENDER EQUALITY

