

## DEGREE IN MIDWIFERY

### Teaching: Laboratory Third Year

SSD : MEDS-24/C

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Credits : 1

### PREREQUISITES

Students must have met the learning objectives of the courses "Nursing and Obstetric-Gynecological Sciences 1 and 2.

### LEARNING OBJECTIVES

At the end of the laboratory, students will be able to describe midwifery care for low-risk childbirth, postpartum, and puerperium and apply the acquired knowledge in clinical practice. Additionally, they will gain adequate knowledge of the organization and appropriate procedures for safe care in the obstetric-gynecological operating room.

### EXPECTED LEARNING OUTCOMES

The expected learning outcomes are consistent with the Bologna Process's instructions (or regulations) and the Directive 2005/36/EC. They are in the European Qualifications Framework (Dublin Descriptors) as follow:

At the end of the course, the student will be able to:

#### Knowledge and Understanding

- Have acquired knowledge about the instruments and surgical stages of the main obstetric-gynecological procedures.
- Have acquired knowledge about the factors of childbirth, the physiology of labor, and its different stages.
- Have acquired knowledge about the role of midwifery care during the first, second, and third stages of labor.
- Recognize the responsibilities of the midwife and be able to identify potentially pathological situations that require the intervention of a physician from the beginning of labor to the puerperium.
- Be able to recognize and select the necessary tools for the execution of a vaginal eutocic delivery.
- Have acquired the knowledge to prevent and treat spontaneous perineal tears of 1st, 2nd, 3rd, and 4th degrees and, where necessary, know how to involve the gynecologist.

#### Ability to Apply Knowledge and Understanding

- Transfer theoretical knowledge of midwifery care to good clinical practices.
- Apply theoretical knowledge to identify the areas of competence of oneself and other professionals.
- Retrieve evidence-based information to support one's professional practice; competencies

will be acquired through small group work and research on major biomedical databases.

- Translate research findings into communication content appropriate to professional practice.

### **Communication Skills**

- Present topics orally in an organized and coherent manner.
- Use language that is appropriate and consistent with the subject matter.
- Adopt culturally sensitive communication methods.

### **Autonomy of Judgment**

- Recognize the importance of in-depth knowledge of topics relevant to adequate midwifery training.
- Identify the importance of theoretical knowledge of the subject for the midwifery profession.
- Manage complex clinical cases from a technical-scientific and communicative perspective, according to what has been learned.

### **Learning Skills**

The student must be able to activate independent in-depth learning pathways through the consultation of obstetrics and birth physiology textbooks.

### **PROGRAM**

- The role of the midwife in the operating room: "surgical midwife," "anesthetic midwife," "instrumental midwife," tasks and responsibilities.
- Preparation and management of instruments and equipment necessary for different types of obstetric-gynecological surgery (e.g., planned and emergency cesarean section, uterine cavity revision, demolishing cesarean section, cerclage).
- The surgical stages and related instruments of obstetric-gynecological procedures (e.g., planned and emergency cesarean section, uterine cavity revision).
- The characteristics of labor: the different stages of labor, physiology of labor.
- Midwifery care during the first, second, and third stages of labor.
- Midwifery care in the management of perineal trauma: spontaneous tears, episiotomy, principles of spontaneous tear repair, episiorrhaphy.
- Preparation of equipment useful for assisting in spontaneous vaginal delivery.

### **TEACHING METHODS**

The laboratory consists of 14 hours of teaching, including lectures and interactive teaching activities using mannequins and devices.

### **ASSESSMENT METHODS**

The final assessment will be oral, and the method will be explained at the beginning of the lessons, along with the necessary study materials for the final exam preparation. The oral exam will cover the course syllabus. Students' basic knowledge and mastery of scientific language will be evaluated clearly and systematically. The evaluation criteria will be: acquired knowledge, autonomy of judgment, communication skills, and learning abilities. The exam will be evaluated according to the following criteria:

<b>FAIL</b>	Fragmented and superficial knowledge of the content, errors in applying concepts, poor presentation.
<b>PASS</b>	Sufficient and appropriate knowledge of the content, clear and coherent presentation.

### **SUPPORT ACTIVITIES**

Students may request optional workshops to deepen specific topics of interest.

### **RECOMMENDED TEXTBOOKS AND BIBLIOGRAPHY**

- "Trattando di Scienza ed Arte della Professionalità Ostetrica." Costantini W. Piccin. Ed. 2021.
- Pescetto, De Cecco, Pecorari – Ragni. "Ginecologia e ostetricia." SEU. 2017.
- Spandrio, Regalia, Bestetti. "Fisiologia della nascita. Dai prodromi al post-partum."
- Study materials (PDF lectures, articles, etc.) provided by the instructor.