

## DEGREE IN MIDWIFERY

**Teaching : Gynecology and Obstetrics**

**Course SSD:** MEDS-24/C, MEDS-21/A

**Credits:** 3

**Teaching: SSD:** MEDS-24/C

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**Credits:** 2

**Teaching: SSD:** MEDS-21/A

**Professor:** Francesco Torcia

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**Credits:** 1

### PREREQUISITES

None.

### EDUCATIONAL OBJECTIVES

The essential educational objective of the course is to acquire knowledge of gynecological anatomy and physiology as well as the main gynecological pathologies.

### 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

By the end of this course, the student will be able to:

- Describe gynecological anatomy and physiology.
- Describe the main gynecological pathologies and complications.

#### Ability to Apply Knowledge and Understanding

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

- Recognize pathologies and diagnostic methods for their correct pathogenetic framing.
- Explain the issues associated with these complications and know how to best manage them in a clinical setting.

### **Communication Skills**

By the end of the course, the student should be able to use the appropriate scientific and clinical terminology for the pathologies covered.

### **Judgment Autonomy**

By the end of the course, the student should be able to correctly identify the pathologies discussed.

### **Learning Ability**

The student will need to be able to independently activate further learning paths through consultation of scientific literature and obstetrics and gynecology texts.

### **PROGRAM**

- Describe the main obstetric pathologies and emergencies
- Recognize the main warning signs and identifiers of each emergency
- Recognize the main signs and symptoms of obstetric pathology
- Describe obstetric interventions and care during the main obstetric pathologies and emergencies
- Hemorrhagic pathology of pregnancy and childbirth: main causes, differential obstetric diagnosis, obstetric and multidisciplinary care
- Pre-eclampsia and eclampsia: definition, manifestations, obstetric and multidisciplinary care
- Shoulder dystocia: definition and types, signs of dystocia, main care measures for resolution in different care settings
- Prolapse of the umbilical cord: definition, identifying signs and symptoms, obstetric care in different care settings
- Communication during an emergency
  
- HPV and HPV in pregnancy
- Uterine fibromatosis
- Menopause and menopausal disorders (supplements, etc.)
- Thyroid in pregnancy (hyperthyroidism, hypothyroidism, thyroid nodules)

### **TEACHING METHODS**

The teaching is structured in 14 hours of frontal teaching, divided into cycles of 2 or 4 hours lessons, based on the academic calendar. Each lesson is supported by the use of mannequins and simulators on which students can put into practice the concepts learned during the lesson. The lessons are designed to allow students to immediately apply the theory to practice.

### **METHODS OF ASSESSMENT**

Student preparation will be assessed through an oral exam, which will evaluate the student's



ability to have achieved the required knowledge according to the objectives and the program of the course. Autonomy of judgment, communication skills, and learning abilities will also be assessed.

<b>FAIL</b>	Fragmentary and superficial knowledge of the content, errors in applying concepts, poor presentation.
<b>PASS</b>	At least sufficient and appropriate knowledge of the content, clear and coherent presentation.

### **SUPPORT ACTIVITIES**

In addition to classroom teaching, students will have the opportunity to participate in research seminars and monographic courses.

### **RECOMMENDED TEXTBOOKS**

- Trattando di Scienza ed Arte della Professionalità Ostetrica. Costantini W. Piccin. Ed. 202
- Urgenza ed Emergenza in Sala Parto. Ragusa A., Crescini C. Piccin. Ed.2016
- Material provided by the professor