

## DEGREE IN MIDWIFERY

### **Integrated Teaching: Obstetrical-gynecological nursing sciences 2**

Teaching SSD: MEDS-24/C

Responsible Professor: [Francesca Zambri](#)

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Credits: 6

Module: Obstetrical-gynecological nursing sciences

SSD : MEDS-24/C

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Professor: [Valeria Giuliani](#)

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Number of Credits: 5

Module: Scienze infermieristiche

SSD: MEDS-24/C

Professor: [Noemi Giannetta](#)

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Number of Credits: 1

### **PREREQUISITES**

The student must know the contents of the first semester related to the concepts of antisepsis, disinfection and sterilization; how to wash hands, how to wear sterile gloves, criteria for building a sterile zone.

### **LEARNING OBJECTIVES**

At the end of this course, students will be able to describe the antenatal care for low-risk pregnancy, health promotion in pregnancy and post-partum, and the recommendations for cervical screening. Moreover, students will be able to describe some 'difficult' topics as voluntary termination of pregnancy and anonymous birth.

Moreover, the student will be able to:

- Recognize signs, symptoms and evolution of physiological pregnancy, and so will be capable to ensure proper midwifery care during each trimester, following a care pathway based on the most recent medical evidence, in several caring settings;
- Recognize the first symptoms and signs of pathology that can happen during pregnancy and to ensure the first-line midwifery care, to solve or contain the pathological process;
- Discriminate between physiology and first signs of pathology in the field of care for the newborn

The primary objective is to acquire knowledge and skills relating to the management of the urinary and fecal function, of an ECG, a simple surgical dressing and of a blood transfusion and / or blood products.

### **LEARNING OUTCOMES**

The specific learning outcomes of the program are coherent with the general provisions of the

Bologna Process and the specific provisions of EC Directive 2005/36/EC. They lie within the European Qualifications Framework (Dublin Descriptors) as follows.

At the end of this teaching, students will be able to:

#### Knowledge and Understanding

- Describe the basic principles of the sexual education
- Promote the active fatherhood during antenatal and postnatal care
- Describe the concept of health promotion, preconception health, health in pregnancy and post-partum
- List and explain the laws and policies on maternity and paternity
- Describe the laws on anonymous birth
- Describe the main signs and symptoms of pregnancy
- Recognize the main threatening signs that identify pathology
- Describe the main examination required in pregnancy
- Describe the main recommendations to take care of physiological pregnancy, according to the most recent evidence available
- Describe the midwifery care required during physiological pregnancy for each trimester and different caring environment
- Recognize signs that define a newborn healthy or pathological
- Describe the main recommendations to take care of the newborn, according to the most recent evidence available
- Describe the midwifery care required to the newborn at delivery
- Explain the main recommendations to take care of the newborn, according to the most recent evidence available
- Describe the midwifery care required to the newborn at delivery and in the first months of life
  
- Describe the diagnostic tests related stool and urine and identify the technical procedures
- Describe the theoretical principles that underlie the main interventions related to the urinary excretory function and the management of urinary retention, and urinary incontinence;
- Explain the methods and scientific principles relating to extemporaneous and permanent bladder catheterization and the assistance to the person with a bladder catheter
- Explain the methods and scientific principles relating to the surgical wound dressing
- Explain the methods and scientific principles relating to the execution-management of a blood transfusion and blood products

#### Applying Knowledge and Understanding

- Apply the principles of midwifery to selected cases, problems and a variable range of situations
- Use the tools, methodologies language and conventions of midwifery to test and communicate ideas and explanations

#### Communication Skills

- Present the topics orally in an organized and consistent manner
- Use a proper scientific language coherent with the topic of discussion
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### Making Judgements

- Recognize the importance of an in-depth knowledge of the topics consistent with a proper education
- Identify the importance of a proper theoretical knowledge of the topic in the clinical practice

### Learning Skills

The student must be able to study in deep independently by consulting the main institutional websites (e.g. Ministry of Health, Istituto Superiore di Sanità) and scientific literature databases.

## **COURSE SYLLABUS**

### OBST. GYN. NURS. SCIENCES

Obstetric forms

Anonymous birth

Regulations for the protection of motherhood and fatherhood

The newborn: signs of health and warning signs, first aid and subsequent care recommended for the physiological newborn

Sexual and affective education

Prevention of domestic violence

The father in the first 1000 days

The birth process: pregnancy diagnosis.

Assessment of obstetric risk

Physiological changes during pregnancy

Psychophysical adaptations in the puerperium

Description and interpretation of the meanings of the main tests recommended for the assessment of well-being and the progress of the pregnancy.

Pregnancy care: specific care path for each trimester, according to the obstetric approach.

BRO care path, definition and impact.

Physiological pregnancy clinic, who is it for and how to access it

Prenatal and postnatal obstetric health assessment

Impact of obstetric care continuity on maternal and neonatal health

Guidelines for the definition and organization of autonomous care by midwives for low-risk obstetric pregnancies (BRO).

Organization and operational management in the in-hospital setting of the current BRO functional areas in which low-risk pregnancies are managed autonomously by midwives

Outpatient and consulting activity: prevention and screening of diseases related to the female reproductive system

Oncological prevention and Pap test; Colposcopy; Hysteroscopy

Obstetric counseling

Invasive and non-invasive prenatal diagnosis; Screening tests; Amniocentesis; Chorionic villus sampling; Cordocentesis

Hospital care and continuity in the territory for the diagnosis of postpartum depression

Voluntary Termination of Pregnancy: care pathway

The emergency room and obstetric triage

Etiology, diagnosis of vaginal and cervical infections; STIs (sexually transmitted infections) in pregnancy; Papilloma virus

### NURSING SCIENCES

Urine: diuresis and diuresis disorders; urine changes. Urine tests: urine collection for chemical-physical examination, culture and 24-hour urine collection, execution of rapid tests with reagents

Stool: defecation disorders, stool analysis, enema, rectal emptying. Simple stool tests: rectal swab, coproculture, occult blood research

Temporary and permanent bladder catheterization, bladder lavage, bladder instillations. Identification of a bladder globe.

Transfusion with blood components. Transfusion reactions.

Management of changes in skin integrity (surgical wounds)

Ostomy management: colostomy, ileostomy and urostomy.

### **COURSE STRUCTURE**

The course consists of 84 hours of classroom teaching, composed of frontal lessons, working groups and interactive learning activities.

### **COURSE GRADE DETERMINATION**

The final exam will be written and oral and it will be communicated at the beginning of the lessons together with the didactic materials necessary to the preparation for the final evaluation.

The exam will focus on the program and will assess the student's knowledge and mastery of specific scientific language.

The evaluation criteria considered will be: acquired knowledge, independent judgment, communication skills and learning skills. The exams will be assessed according to the following criteria:

<b>&lt; 18 Fail</b>	The candidate possesses an inadequate knowledge of the topic, makes significant errors in applying theoretical concepts, and shows weak presentation skills.
<b>18-20</b>	The candidate possesses a barely adequate and only superficial knowledge of topic, limited presentation skills, and only an inconsistent ability to apply theoretical concepts.
<b>21-23</b>	The candidate possesses an adequate, but not in-depth, knowledge of the topic, a partial ability to apply theoretical concepts, and acceptable presentation skills.
<b>24-26</b>	The candidate possesses a fair knowledge of the topic, a reasonable ability to apply theoretical concepts correctly and present ideas clearly.
<b>27-29</b>	The candidate possesses an in-depth knowledge of the topic, a sound ability to apply theoretical concepts, good analytical skills, clear argumentative clarity and an ability to synthesize.
<b>30-30L</b>	The candidate possesses an in-depth knowledge of the topic, an outstanding ability to apply theoretical concepts, a high level of argumentative clarity, as well as excellent analytical skills, and a well-developed ability to synthesize and establish interdisciplinary connections.

**OPTIONAL ACTIVITIES**

Students can request optional workshops to deepen some specific topics.

**READING MATERIALS**

- Trattando di Scienza ed Arte della Professionalità Ostetrica. Costantini W. Piccin. Ed. 2021.
- Didactic material (lessons in pdf, papers, etc.) delivered by the Professors