

COURSE DETAILS

"INTEGRATED COURSE OF GINECOLOGY AND OBSTETRICS"

SSD MED/40

DEGREE PROGRAMME: MEDICINE AND SURGERY (P11)

COORDINATOR: PROF. ATTILIO DI SPIEZIO SARDO

ACADEMIC YEAR 2024-2025

GENERAL INFORMATION – TEACHER REFERENCES

TEACHER: PROF. ATTILIO DI SPIEZIO SARDO

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Faculty	Position	Scientific Fields	Phone	Reception	E-mail
Di Spiezio Sardo Attilio	Full Professor	Gynecology and Obstetrics (MED/40)	4588	Thursday/11:30-13:30/Bldg. 9	attilio.dispieziosardo@unina.it
Alviggi Carlo	Full Professor	Gynecology and Obstetrics (MED/40)	3869	Tuesday/11:00-13:00/Bldg 9	alviggi@unina.it
Bifulco Giuseppe	Full Professor	Gynecology and Obstetrics (MED/40)	2979	Monday/14:00-16:00 Bldg 9	giuseppe.bifulco@unina.it
Locci Mariavittoria	Associate Professor	Gynecology and Obstetrics (MED/40)	2961	Tuesday and Thursday /11:00-13:00/Bldg 9	m.locci@unina.it
De Rosa Rossella	Assistant Professor	Gynecology and Obstetrics (MED/40)	4588	Thursday/11:30-13:30/Bldg. 9	rossella.derosa@unina.it
Giampaolino Pierluigi	Associate Professor	Gynecology and Obstetrics (MED/40)	2979	Monday and Wednesday/15:00-18:00 /Bldg. 9	pierluigi.giampaolino@unina.it
Maruotti Giuseppe Maria	Associate Professor	Gynecology and Obstetrics (MED/40)	4589	Monday/11:13.00/ Bldg 9	giuseppemaria.maruotti@unina.it

GENERAL INFORMATION about the course

TEACHING LANGUAGE: ENGLISH

CHANNEL (IF APPLICABLE): 1

YEAR OF THE DEGREE PROGRAMME: VI

SEMESTER: II

CFU: 11

REQUIRED PRELIMINARY COURSES

None

PREREQUISITES

For a proper understanding of the topics discussed in the Integrated Course, students should have acquired general knowledge of the female reproductive system anatomy, physiology of menstrual cycle and general knowledge of embryology.

LEARNING GOALS

The aim of the course is to learn advanced knowledge regarding the pathogenesis, the clinical manifestations, the prognostic and therapeutic implications of the obstetric and gynecological disorders.

Students will also be capable to suggest the best therapeutic approach, also considering the benefit-risk ratio and the clinical context.

EXPECTED LEARNING OUTCOMES

Students will acquire the fundamental knowledge that will enable them to understand the underlying mechanisms of the obstetric and gynecological disorders. The student must, at the end of the course: 1. know the etiopathogenesis underlying the different obstetric and gynecological disorders; 2. Recognize direct and indirect symptoms; 3 suggest the best diagnostic and therapeutic approach.

Knowledge and understanding

Students should demonstrate a good knowledge and understanding of the main topics related to women's health during puberty, pregnancy, and menopause. They should acquire diagnostic and therapeutic decision-making skills concerning Gynecology and Obstetrics and develop the ability to identify obstetric and gynecologic problems linked to specific clinical cases, knowledge of diagnostic algorithms, the ability to conduct rational differential diagnostics, critical evaluation for a correct prognosis and therapeutic decision making.

Applying knowledge and understanding

We provide the skills to solve problems concerning women's health from adolescence to menopause. We intend to offer practical knowledges to be oriented in management of obstetric-gynecological conditions in routine practice.

Any further expected learning outcomes, relating to:

- **Autonomy of judgment:**

Students must be able to independently evaluate clinical issues concerning fertility and reproductive health, pregnancy and delivery, to indicate the management, and to propose new therapeutic approaches according to the most recent evidence.

- **Communication skills:**

Students should acquire communication skills in the doctor-patient relationship and should be able to expose and synthesize the basic notions on physiology and pathology of pregnancy, menstrual cycle, benign and malignant gynecological pathologies of clinical problems both towards a non-medical audience and in the context of scientific events and / or scientific disseminations. The student must be able to explain to non-expert people the basic notions on physiology and pathology of pregnancy, menstrual cycle, benign and malignant gynecological pathologies. In addition, it must be able to present a paper (e.g. during the exam or during the course) or summarize in a complete but concise way the results achieved using the technical language.

- **Learning skills:**

Students must be able to expand their knowledge independently referring texts, scientific papers, and gradually acquiring the ability to join specialist seminars, conferences, etc. in the fields of: perinatal medicine, reproduction, urogynecology, oncology

gynecology.

COURSE CONTENT/SYLLABUS

- *Menstrual-cycle influenced disorders*
- *Family planning and contraception*
- *Sterility and assisted reproductive technologies*
- *Menopause*
- *Genitourinary dysfunction*
- *Benign conditions of the uterus*
- *Gynecologic oncology: ovarian cancer, cervical cancer, endometrial cancer, uterine sarcomas, vulvar cancer*
- *Antenatal Care: antenatal screening, obstetric ultrasound, cardiotocography*
- *Normal labor, delivery and postpartum*
- *Obstetric hemorrhages*
- *Obstetric complications: preterm birth, premature rupture of membranes, gestational diabetes, hypertensive disorders of pregnancy, rhesus immunization*
- *Infectious diseases in pregnancy*
- *Multiple gestation*

TEACHING ACTIVITIES				
Week	Date	Time	Lessons/Seminars	Teacher
1° 03-07 March 2025	Tue 04/03	13-17	Course introduction Gynecologic diagnostic techniques	Prof. Di Spiezio Sardo
	Wed05/03	13-17	Urinary incontinence Adenomyosis Endometriosis Myomas	Dott. Ssa R. De Rosa Prof Giampaolino
2° 10-14 March 2025	Tue 11/03	13-17	Family planning and contraception Menstrual cycle disorders	Prof. Di Spiezio Sardo Prof Alviggi
	Wed 12/03	13-17	Sterility and assisted reproductive Technologies	Prof Alviggi
3° 17-21 March 2025	Tue 18/03	13-17	Ectopic pregnancy Antenatal screening Obstetric ultrasound, cardiotocography	Prof Di Spiezio Sardo
	Wed 19/03	13-17	Menopause Gestational diabetes Rhesus immunization Infectious diseases in pregnancy	Dott. ssa De Rosa Prof Maruotti
	Tue 25/03	13-17	Benign gynecologic disorders	Prof Bifulco

4° 24-28 April 2025			Normal labour and delivery Preterm delivery	
	Wed 26/03	13-17	Endometrial cancer Cervical Cancer	Prof Bifulco
5° 31 March- 4 April 2025	Tue 01/04	13-17	Hypertensive disorders of pregnancy Fetal growth restriction Obstetric hemorrhages Placenta previa and abnormal adherent placenta	Prof Locci

READINGS/BIBLIOGRAPHY

Modern hysteroscopic approach for genital pathologies

Di Spiezio Sardo A, Nappi C

Available online

Williams Obstetrics

Cunningham, Leveno, Bloom, Hoffman-McGraw Hill

Evidence Based Labor and Delivery management

Berghella, Saccone, Ghi, Roman-Jaypee

Williams Gynecology

Hoffman, Schorge, Bradshaw- McGraw Hill

TEACHING METHODS

The course will be on lectures with the support of power points and on Clinical Clerkships.

EXAMINATION/EVALUATION CRITERIA

a) Exam type:

Exam type	
written and oral	
only written	
only oral	X
project discussion	
other	

In case of a written exam, questions refer to: (*)	Multiple choice answers	
	Open answers	
	Numerical exercises	

(*) multiple options are possible

b) Evaluation pattern:

The oral exam consists in 3 questions related to the main topics of the syllabus.