

V year (2nd semester)
A.Y. 2021-22

Scientific Field	OBSTETRICS AND GYNECOLOGY	TUTOR	ECTS
MED/40	Obstetrics and Gynecology	Vaquero Martin Maria Elena	1
MED/40	Obstetrics and Gynecology	Valensise Herbert Carmelo Carlo	1
MED/40	Obstetrics and Gynecology	Ticconi Carlo	1
MED/40	Obstetrics and Gynecology	Exacoustos Caterina	1
		TOT	4

Exacoustos Caterina.
COORDINATOR

SPECIFIC AIMS

Knowledge of pathophysiological, psychological and clinical problems (from a preventive, diagnostic and therapeutic profile), relating to male and female's fertility, procreation, pregnancy, antenatal morbidity and childbirth and the ability to recognize the most common shapes of obstetric – gynecological pathology, indicating the main preventive and therapeutic measures and identifying the conditions that require the specialist professional's contribution.

PROGRAM

**GYNECOLOGIC
ENDOCRINOLOGY AND
REPRODUCTIVE
MEDICINE**

- Regulation of the Menstrual Cycle
- Amenorrhea
- Polycystic Ovary Syndrome
- Thyroid and Reproduction
- Menopause and Hormone Replacement Therapy
- Evaluation of the infertile couple and Assisted Reproductive techniques
- Recurrent Pregnancy Loss pathogenesis , diagnosis and treatment
- Contraception

PROGRAM

**DIAGNOSTIC AND
CLINICAL ASPECTS IN
GYNECOLOGY**

OBSTETRICS:

- Imaging in physiological pregnancy
- Ultrasound in obstetrical pathologies, during labor and in obstetrical emergencies

GYNECOLOGY:

- Anatomical aspects
- Myometrial anomalies
- Endometrial pathology
- Ovarian cysts
- Endometriosis

- Ultrasonographic appearances in gynecological oncology

PROGRAM

**GYNECOLOGY
ONCOLOGY AND
PELVIC SURGERY**

- Cervical cancer: prevention and diagnosis
- Endometrial cancer: diagnosis and management
- Minimally invasive surgery, general aspects
- Ovarian carcinoma, diagnosis and treatment

PROGRAM

**MATERNAL – FETAL
MEDICINE AND
OBSTETRICS**

- Maternal modification in pregnancy
- Hypertension and preeclampsia
- Gestational diabetes and insulin dependent diabetes
- Preterm delivery

TEXTBOOKS

Dewhurst's textbook of Obstetrics & Gynaecology, 8th edit. Edited by D. Keith Edmonds; Wiley-Blackwell, 2012.

EXAM METHOD

Oral exam.

EXAM COMMISSION

The Coordinator, full Professors of the disciplines, Professors of similar disciplines, Specialists of the subject, compose the exam Commission of the Integrated Course.

Exacoustos Caterina, President
Ticconi Carlo
Vaquero Martin Maria Elena
Valensise Herbert

CONTACTS

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PREREQUISITES: Previous knowledge and competence in the following subjects: Anatomic Pathology, Endocrinology, Histology and Embryology, Human Anatomy 1, Human Anatomy 2.

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:

1. **Knowledge and Understanding**

- Assess the physiologic principles that govern the function of the main body systems and the alterations induced by functional and structural abnormalities.
- Describe the main aspects of general pathology and explain the physiopathologic mechanisms underlying the concept of benign and malignant disorders as well as reversible and irreversible cellular damage
- Demonstrate knowledge about the mechanism of cell cycle maintenance and regulation; the factors affecting it and their consequences.
- Understand the core principles of acute and chronic inflammation in relation to the molecular, systemic and clinical aspects.
- Relate the general principles, terminology, and modes of spread of disease to the study of Systemic Pathology and the ways in which pathology contributes to the understanding of patient presentation in a clinical setting
- Focus on each organ and describe the pathogenesis of the main disease.
- Correlate basic disease states studied at a cellular and gross anatomic level with the overt clinical signs and symptoms seen in those disorders.
- Learn to interpret appropriate laboratory and diagnostic studies.

2. **Applying Knowledge and Understanding**

- Apply the diagnostic procedure in pathology, through introduction of the differential diagnostic methods at the clinical level.
- Apply a basic understanding of histopathology and morbid anatomy to the examination of microscopic sections and gross specimens, respectively, displaying pathological processes.
- Provide a differential diagnosis based on specific clinical data, providing a comprehensive explanation of the underlying reasoning.
- Learn the practical aspects of the pathologic diagnostic instruments, when to use them and how to perform them.

3. **Making Judgements**

- Recognize the importance of an in-depth knowledge of the topics consistent with a proper medical education.
- Identify the fundamental role of a proper theoretic knowledge of the subject in the clinical practice.

4. **Communication Skills**

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

5. **Learning Skills**

- Identify the possible use of the acknowledged skills in the future career.
- Assess the importance of the acquired knowledge in the overall medical education process.