



UNICAMILLUS

Medicine and Surgery Degree Course (LM-41)

Teaching: Obstetrics and Gynecology"

SSD:MED/40

Number of CFU: 5

Verbalizer Teacher: Prof. [Ermanno Greco](#): (1CFU)

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Teachers:

[Prof.ssa Barbara Costantini](#): (2CFU)

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[Prof. Ermanno Greco](#): (1CFU)

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Learning Objectives

To learn the basics of clinical pathophysiology (in terms of preventive, diagnostic and therapeutic care), concerning the following topics: reproduction, pregnancy, childbirth and puerperium, and the main organic functional disorders and benign and malignant lesions of the female genital tract and of the breast.

Learning outcomes

At the end of the course, students should have acquired theoretical knowledge in the field of gynecological and obstetrical physiopathology, regarding pregnancy, gynecologic benign and malignant pathology and reproductive function.

The student should have as well acquired the basis of diagnosis and treatment, and mastered the theoretical and applied knowledge of first assistance in the field of obstetric and gynecologic pathology, allowing a good cooperation with other physicians

Course Syllabus

- Outline of anatomy and embryology of the female genital system
- The anatomical and biological basis of the reproductive function
- Physiopathology of the female and male reproductive system
- Amenorrhea, chronic anovulation and hyperandrogenism, and other abnormalities of the menstrual cycle.
- Dysmenorrhea and premenstrual syndrome
- Gynecological diagnostics
- Women's sexuality and its dysfunctions
- Fertilization and nesting
- Couple infertility
- Repeated abortion
- The techniques of PMA
- Preimplantation genetic diagnosis
- Principles of obstetrics semeiotics
- Ectopic pregnancy, diagnosis and treatment
- Prenatal diagnosis (NIPT, Villocentesis, amniocentesis)
- Monitoring of pregnancy and fetal growth
- Multiple pregnancy
- Infectious diseases in pregnancy
- Hypertension in pregnancy
- Gestational diabetes
- Childbirth labor and fetal monitoring
- Childbirth (eutocic, operative, Caesarean section)
- Postpartum pathologies
- Law 194 and abortion
- Surgical Anatomy
- Preoperative Considerations
- Intraoperative considerations
- Minimally Invasive Surgery Fundamentals
- Postoperative considerations
- Hysteroscopy
- Laparoscopy
- Laparotomy
- Endometrials Polyps
- Adnexal Mass
- Myomas
- Cervical Cancer
- Endometrial Cancer
- Ovarian germ cell and sex cord-stromal Tumours
- Endometriosis

- Pelvic organ prolapsed
- Urinary incontinence
- Chronic Pelvic pain

Course Structure

Clinical case discussions and 50 hours of lectures with frontal instruction held by four Teachers and divided as follows: Prof. Barbara Costantini 20 hours; Prof. Ermanno Greco 10 hours; Prof. Mario Montanino 20 Hours and Prof. Cosimo Oliva 20 hours.

Course grade determination

Oral examination with questions about theory and clinical cases. The oral examination will assess the student's ability to have acquired the basic knowledge and to be able to communicate it clearly and with propriety of language. The student must be able to apply the acquired knowledge independently in clinical practice.

The final grade will be expressed out of thirty and will result from the sum of the scores that each teacher will have available.

During the oral exam the student's ability to apply and expound knowledge appropriately will be evaluated. In particular, the exam will be evaluated according to the following criteria:

Failed: important deficiencies and / or inaccuracies in knowledge and understanding of the topics; limited capacity for analysis and synthesis, frequent generalizations.

18-20: knowledge and understanding of the subjects quite sufficient with possible imperfections; ability to analyze, synthesis and sufficient judgment autonomy.

21-23: Knowledge and understanding of routine topics; Correct analysis and synthesis skills with coherent logical argumentation.

24-26: Fair knowledge and understanding of the topics; good analysis and synthesis skills with rigorously expressed arguments.

27-29: Knowledge and understanding of the subjects complete; remarkable analytical skills, synthesis. Good independence of judgment.

30-30L: Excellent level of knowledge and understanding of the topics. Considerable analytical and synthesis skills and autonomy of judgment. Arguments expressed in an original way.

Optional activities

The student will be given the opportunity to participate in seminars, hospital internship, internship in highly specialized laboratories. The number of student who can participate in the internships will not exceed three a time.

Reading materials

The recommended textbooks should be considered as reference teaching material. However students may choose the text(s) they prefer or deem most suitable for their learning needs. Additional material will be provided by the lecturer.

- **Williams Gynecology (4th Edition)**, Barbara L. Hoffman, John O. Schorge, Karen D. Bradshaw, Lisa M. Halvorson, Joseph I. Schaffer, Marlene M. Corton
- **Williams Obstetrics (25th Edition)**, F. Gary Cunningham, Kenneth J. Leveno, Steven L. Bloom, Jodi S. Dashe, Barbara L. Hoffman, Brian M. Casey, Catherine Y. Spong
- **Ostetricia e ginecologia**, Nicola Colacurci, Luigi Cobellis, Pasquale De Franciscis
- **Ginecologia e ostetricia**, Pescetto - De Cecco - Pecorari - Ragni • 2017