



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Ostetricia e Ginecologia

2425-5-H4101D332-H4101D111M

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#### Aims

The course's programme and the practical tasks will provide medical students with the notions to correctly face up to female physiology and pathology, including physiological changes of fertility period and pregnancy-puerperium and obstetrical and gynaecological diseases.

#### Contents

The primary aim of this course is to allow medical students to acquire general notions of gynaecology and pathology in order to identify diseases, and to differentiate basic from severe ones, that is those that could require a specialistic intervention and a teamwork. For this purpose, the course's programme includes the study of: anatomy and physiology of female reproductive system, fetal physiopathology, obstetrical and gynaecological pathology (specific topics: diagnosis, treatment and prevention).

#### Detailed program

Detailed program of the Course of Obstetrics and Gynecology

Normal and surgical anatomy of the female pelvis  
Gynecological history - Physical examination of the pelvis and diagnostics  
Pathophysiology of the hypothalamic-pituitary gonadal axis  
Genital tract infections  
Cervical cancer screening  
Diagnostic techniques in gynecology  
Pathologies of the menstrual cycle

Benign gynecological pathology  
Diagnosis and treatment of couple infertility  
Gynecological emergencies  
Physiology and pathology of pelvic dynamics (prolapse and urinary tract disorders)  
Gynecological oncology (ovary, cervix, endometrial pathology)  
Contraception  
Termination of pregnancy (Law 194)

Conception, implantation and placentation  
Physiological changes in pregnancy  
Epidemiology in obstetrics, antenatal care  
Bleeding in pregnancy  
Prenatal diagnosis: screening and diagnosis of the main fetal pathologies  
Fetal growth abnormalities  
Multiple pregnancy  
Medical pathology in pregnancy (diabetes, cholestasis, sepsis, heart diseases)  
Drugs and pregnancy  
Infections and pregnancy  
Hypertensive disorders of pregnancy  
Labor and delivery physiology and pathology  
Monitoring of fetal well-being  
Obstetric emergencies and postpartum hemorrhage

## **Prerequisites**

Knowledge of anatomy, physiology, general pathology and pharmacology

## **Teaching form**

Lectures (60%), Discussion on clinical scenarios, supervision of individual study, Journal club, self tests during lessons

## **Textbook and teaching resource**

see general syllabus of the course

## **Semester**

2nd Semester

## **Assessment method**

see general Syllabus of the Course Ostetricia e Ginecologia

## **Office hours**

Only by appointment, please contact via mail

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## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | GENDER EQUALITY | LIFE ON LAND

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