UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Obstetrics and Gynaecology

2627-5-H4101D332-H4101D111M

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 phisyological 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. 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 – GYNECOLOGY AND OBSTETRICS
? 1. BASICS
• Anatomy of the female reproductive system
• Physiology of the hypothalamic–pituitary–ovarian axis
• Physiological changes during pregnancy
• Obstetric and gynecological examination

? 2. OBSTETRICS – PREGNANCY
? Antenatal care

• Antenatal care (tests, routine check-ups)
• Prenatal screening
• Obstetric ultrasound
? Pregnancy-related diseases
• Gestational diabetes
• Intrahepatic cholestasis of pregnancy
• Fetal growth restriction (FGR)
• Hypertensive disorders of pregnancy (preeclampsia, eclampsia)
? Infections
• Infections during pregnancy

? 3. LABOUR AND DELIVERY
? Physiological
• Normal vaginal delivery
• Mechanism of labour
? Pathological
• Preterm labour
• Twin pregnancy
• Obstructed/dystocic labour
• Meconium-stained amniotic fluid (MEF): causes and management
? Obstetric emergencies
• Antepartum hemorrhage
• Obstetric emergencies

? 4. GENERAL GYNECOLOGY
? Benign gynecological diseases
• Uterine fibroids
• Endometriosis
• Ovarian cysts
? Urogynecology
• Urinary incontinence
• Pelvic organ prolapse
? Infertility
• Causes
• Diagnostic workup and assisted reproductive technologies (ART)

? 5. INFECTIONS AND PREVENTION
• Genital tract infections
• HPV and prevention (vaccination and screening)

?? 6. GYNECOLOGICAL ONCOLOGY
? Oncology 1
• Ovarian cancer
? Oncology 2
• Endometrial cancer
• Cervical cancer
• Vulvar tumors

? 7. SURGERY
• Gynecological surgery

?? 8. CONTRACEPTION AND ABORTION
• Contraceptive methods
• Voluntary termination of pregnancy (abortion)

? 9. CLINICAL CASES
• Presented clinical cases
• Practical training:
o normal delivery
o gynecological examination

Prerequisites

Knowledge of anatomy, embriology, physiology, general pathology and farmacology

Teaching form

Lectures, Discussion on clinical scenarios, Pracctical sessions, Internship

Textbook and teaching resource

1. teaching resources offered during lessons (power point of the lessons and clinical cases)
2. papers on the subjects of the course

3) Compendio di Ostetricia e Ginecologia - Nappi - Tommaselli
Editore: IDELSON-GNOCCHI Edizione: 2015 ISBN: 9788879475952

4) Essential Obstetrics Gynaecology - FifthEdition Edited by Ian Symonds & Sabaratnam Arulkumaran/ 2013 ISBN:9780702030680

5) Obstetrics & Gynaecology Hannah Kither, Sarah Kitson, Louise Wan, Emma Crosbie. Edited by EUREKA 2017 ISBN: 9781907816987

6) Manuale di Sala Parto- Valle A, Bottino S, Meregalli V, Zanini A, Lissoni D, Locatelli A. Edi Ermes 2022 ISBN-13 978-8870518054

Semester

2nd Semester

Assessment method

Intermediate tests result will be considered (interactive questionnaires proposed during the lessons both for Obstetrics and Gynecology) and a clinical scenario observed discussed with the preparation of a brief paper
Oral test will be an interview discussing course subjects and contents of the course with two teachers respectively

for Obstetrics and Gynecology

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