



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Pharmacology 2

2425-3-I0102D905-I0102D923M-T1-T5

---

#### Aims

The course provides knowledge of the criteria for therapeutic choice in obstetrics, gynaecology and neonatology.

#### Contents

Effects and/or complications of drugs on mother, foetus and newborn.

#### Detailed program

Pharmacovigilance: general concepts. Reporting to the ASST Toxicology liaison and poison centers. Drugs and pregnancy: hints of teratology. Pharmacodynamics and kinetics in pregnancy. Drugs and lactation. Main drugs used in pregnancy-birth complications and obstetric emergencies (antibiotics, antivirals, pain relievers, oxytocics/tocolitics, prostaglandins, antiproliferatives). Management of concentrated Sodium solutions, Potassium solution. Complementary Medicine, Alternative Medicine.

General concepts of Pharmacovigilance.

Guidance on the proper use of drugs in pregnancy and lactation: activities of the Bergamo Poison Control Center.

Hints of teratology.

Contraceptive methods, emergency and lactation contraception.

Medications in pregnancy and lactation: antiemetics, antibiotics, antivirals, tocolytics. Gestational diabetes.

Role of Complementary Medicine as a non-alternative but supportive therapy to drug therapy.

## **Prerequisites**

None

## **Teaching form**

- 5 lectures of 2 h in presence, delivery mode
- 1 lecture of 2 h in interactive mode (in presence)

## **Textbook and teaching resource**

Amico-Roxas M., Caputi A.P., Del Tacca M. (2021) Compendio di farmacologia generale e speciale. Torino, UTET Scienze mediche

## **Semester**

First semester

## **Assessment method**

Oral Exam

## **Office hours**

By appointment agreed by email

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | GENDER EQUALITY

---