



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Medicina Perinatale

2122-2-I0102D013

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#### Aims

At the end of the course the student will know the diseases that could afflict the pregnancy, the consequences of the pregnancy's diseases on the mother and newborn health, the national and international guidelines about the pregnancy's diseases, the recommendations to prevent the neonatal infections, the emotional and psychological changes that occur during pregnancy and postnatal period

The student will have skill to take midwifery care, to provide midwifery led model and to know the situations that need a midwife's counseling.

#### Contents

The course provides the student the knowledge of the diseases that can afflict the woman and the fetus during pregnancy, and the consequences that some diseases cause on the health of the newborn

The course will also provide knowledge to plan and to provide evidence based midwifery care to various morbid conditions that may affect pregnancy.

The course provides to the students the knowledge of emotional and psychological changes that occur during pregnancy and postnatal. Finally will be address the main diseases that afflict the general population.

#### Detailed program

**MED 40 PREGNANCY DISEASES:**The maternal and neonatal infections, The intrauterine growth restriction, The amniotic fluid irregularities, The preterm birth , The twin pregnancy. The fetal malformations and the scan diagnosis. The invasive prenatal diagnosis. The fetal therapy, The PROM at term, The protracted pregnancy, The substance abuse in pregnancy. The main metabolic, cardiological, neurological and endocrine pathologies affecting pregnancy.

**MED 47 PERINATAL MIDWIFERY CARE:**The student will be able to plan and provide an evidence based midwifery care during pregnancy complicated by diseases in accordance with the Midwifery partnership Model, the midwifery management, the international classification Functions and evaluation scales. Prenatal midwifery models care and the midwifery care planning in case of high risk pregnancy.

Midwifery assessment tools of maternal-fetal and neonatal psycho-physical well-being. The assistance to the newborn of the mother with medical illnesses in pregnancy and with alterations of adaptation to the extrauterine life.

**M-PSI/08 PERINATAL PSYCHOLOGY:** Psychology of pregnancy and childbirth. The skills of the fetus and the newborn. Meanings and symbols in pathological pregnancy. The psychological impact of Prenatal Diagnosis. The integrated care midwife-psychologist

**MED 38 NEONATOLOGY:** Newborn which needs additional/specialised care. Newborn with infectious disease. Preterm newborn. Malformed newborn. Assistance to the newborn of a mother who abuses substances, of a mother suffering from pregnancy diseases. The asphyxiated infant. The newborn with chronic-degenerative disease.

**MED 09 INTERNAL MEDICINE:** The main risk factors, modality of onset, signs and symptoms of the most common pathologies in the general population.

## Prerequisites

None

## Teaching form

Lectures, practice exercises and working group

## Textbook and teaching resource

Pairman Sally, Tracy Jan, Thorogood Carol, Pincombe Sally. Midwifery. Preparation for practice, Churchill Livingstone, 2015, 3rd ed.

Nurse Sharon. Maternal-Neonatal Care Made Incredible Easy. Lippincott Williams & Wilkins, 2009

Beers M.H, Berkow R. Il manuale Merck di diagnosi e terapia. Cortina, 2007.

Ladewig-London-Davidson, Assistenza alla maternità, ed it a cura di Guana-Grassi, Piccin 2012.

Braibanti p. et al. Psicologia della salute e nascita 2012 Franco Angeli.

M. Mendicini "Neonatologia". Verduci Editore. Roma, 2° ed 2009.

## **Semester**

Il semester

## **Assessment method**

Written exam with multiple choice test with only one correct answer and with open answers questions. Oral exam.

## **Office hours**

On appointment

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