



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Childbirth Complications

2021-3-I0102D904

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#### Aims

The aim of the course is to allow the students to recognise the patologic situation and to act appropriately during labor, childbirth and puerperium.

At the end of the course the student will have the knowledge related to the diagnosis of dystocia and the ability to identify the pathological characteristics related to labor in childbirth; the course also will provide the skills to give assistance in case of distocya or complicated labour. The course will provide the ability to identify the pathological characteristics related to the postnatal period and to recognize the different dimension of parenting in front of the pathological pregnancy and high risk newborn with a particular attention to affective codes that allow the midwife to identify the needs of pregnancy.

#### Contents

The aim of the course is to allow the students to recognise the patologic situation and to act appropriately. The student will be able to know the psicological changes associated to the pregnancy and birth and the various aspects related to becoming a mother; the student will be also able to assist the women in case of complicated pregnancy and birth. The student will be able to recognise and treat the most frequent complications related to the puerperium.

#### Detailed program

MED/40 COMPLICATIONS DURING LABOUR AND BIRTH 1 Prevalence, diagnosis and treatment of the main intrapartum dynamic distocic conditions. Assessment of intrapartum fetal well-being: diagnosis and treatment. Indications and surgical techniques to repair the perineum in case of surgical or spontaneous laceration (III, IV degree) and trachelorrafia. Fetal Endouterine Death.

MED/40 COMPLICATIONS DURING LABOUR AND BIRTH 2 Prevalence, diagnosis and treatment of the main intrapartum mechanic distocic conditions (mather or fetal factors). Twin birth. Operative delivery: (Cesarean section, obstetric vacuum, forceps): indications, techniques and procedures). Prevalence, diagnosis and treatment of the main complications of the III-IV stage or the postnatal period.

MED/47 COMPLICATED BIRTH Through the midwifery Partnership model of care, the midwifery management and the midwifery assessment scales, the student will learn clinical competences to assist women with an intrapartum medium-high obstetric risk profile. Midwifery care in case of complicated I-II-III-IV stage of labour related to dynamic or mechanic distocies. Pre-intra and postoperatoring care during cesarian section. \_\_\_\_

M-PSI/08 PSICOLOGICAL: Changes associated to the pregnancy and birth to become mother and father in case of complicated pregnancy/birth. The narcissistic injury and the encounter with the real child. The relationship with the premature or disabled child Family support in case of high risk pregnancy/birth. Parents and midwives in front of the mourning Babyblues. Mother diseases: the post-partum depression, the nevrosis and psicosis. Post Traumatic Stress Disorder. \_\_\_\_\_

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MED\39 CHILD NEUROPSYCHIATRY : Normality and neurological diseases of the newborn. Hypoxic ischemic disease. Central Nervous System malformation. The premature newborn Major diseases of the premature newborn Major neurological diseases of the premature newborn. Newborn cerebral palsy.

## **Prerequisites**

Pass the exam of Normality of Birth (2nd year, 1st semester)

## **Teaching form**

Lectures and case reports.

Due to Covid 19 emergency, lessons will be held partially in the classroom and partially via recorded online classes.

## **Textbook and teaching resource**

- PAIRMAN S., PINCOMBE J., THOROGOOD C., TRACY S. Midwifery. Preparation for practice,

Churchill Livingstone - Elsevier, Marikville, 2015, 3<sup>ed</sup>, e-book.

- SIMKIN PENNY, ANCHETA RUTH, The labor progress handbook. Early interventions to prevent and treat dystocia, Blackwell, 4<sup>ed</sup>, 2017.
- ROBERT K. CREASY, ROBERT RESNIK, AND JAY D. IAMS, Maternal fetal medicine. Saunders, 7<sup>ed</sup>. 2013
- MARMARSHALL J.E., E RAYNOR M.D., Advancing skills in midwifery practice, Churchill Livingstone, 2010 (Cap 4, 5,7,8,9,10).
- VALLE, BOTTINO, MEREGALLI, ZANINI, LISSONI, LOCATELLI. Manuale di sala parto. edi-ermes, 2019
- BRAZELTON T. BERRY, Il bambino da 0 a 3 anni, Rizzoli, 9<sup>ed</sup>, 2011.
- MIELI. Il bambino non è un elettrodomestico. Feltrinelli, 2011
- TRACY HOGG. Il linguaggio segreto del bambino. Mondadori, 2012

## **Semester**

I semester.

## **Assessment method**

Written exam with multichoice answers and open answers.

Written exam will be an essay on midwife assistance concerning a clinical case.

Oral exam with interview to discuss written test and course program.

Due to covid 19 emergency all exams will be held remotely. The platform used is WebEx and a public link will be available on the e-learning page to access the exams.

## **Office hours**

On appointment.

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