



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Neonatal Emergencies (Monza)

2021-3-I0102D905-I0102D920M-T1

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#### Aims

The course provides students with the concepts relating to situations of urgency-emergency in neonatology.

#### Contents

The student will know the clinic, diagnosis and treatment of newborn emergencies.

#### Detailed program

STEN: The Transport System in Neonatal Emergency

The very low weight newborn

Gastrointestinal disease: obstruction of the intestinal tract, necrotizing enterocolitis

Renal Pathology: acute renal failure nephropathies malformation Neurological disease: neonatal asphyxia, behavioral frameworks, clinical-instrumental of the

Nervous System disease

Pathology hematologic: thrombocytopenia anemia polycythemia coagulopathies neonatal disease by maternal autoimmune diseases,

Infectious disease (viral bacterial fungal septic shock)

Respiratory disease (meconium aspiration syndrome, apnea respiratory distress syndrome, pneumonia transient tachypnea air-leak syndromes, malformations of the airways pulmonary malformations)

Domestic accidents

Neonatal Intensive Care: Postnatal Adaptation Neonatal asphyxia Cardiopulmonary resuscitation in the delivery room (initial stages of resuscitation, suction the airway, ventilation with balloon and mask, external cardiac massage, support tracheal) Stabilization of critical newborn

## **Prerequisites**

None.

## **Teaching form**

Lessons, trainings.

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, Marrikkville, 2015, cap. 33, 36, 38, 39.
- BILLINGTON MARY & STEVENSON MANDY, Critical Care in Childbearing for Midwives, Blackwell Publishing, 2007.

## **Semester**

I semester.

## **Assessment method**

Written exam with multichoice answers and open answers.

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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