



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Neonatal Emergencies - 1

2324-3-I0102D905-I0102D920M-T1

Aims

Recognise the signs of emergency-urgency situations in the neonatal setting and understand their management and evolution.

Contents

Diagnostic and therapeutic care of the newborn in emergency-urgency conditions.

Detailed program

STEN Emergency Neonatal Transport Service

The very low-weight neonate

Gastro-enteric pathology: intestinal tract obstructions, necrotising enterocolitis Renal pathology: acute renal failure, malformative nephro-uropathies

Neurological pathology: neonatal asphyxia, behavioural, clinical and instrumental pictures of SNS pathology

Haematological pathology: polycythaemia anaemia, thrombocytopenia, neonatal coagulopathies Pathologies from maternal autoimmune diseases

Infectious pathology (bacterial viral mycotic); septic shock

Respiratory pathology: meconial aspiration syndrome, apneas, respiratory distress syndrome, pneumonia, transient tachypnoea, air-leak syndromes, airway malformations, lung malformations

Domestic accidents

Neonatal resuscitation: fetal-neonatal adaptation, neonatal asphyxia, cardiopulmonary resuscitation in the saline room (initial stages of resuscitation, airway suction, balloon and mask ventilation, external cardiac massage, assistance with tracheal intubation), stabilisation of the critical newborn.

Prerequisites

None.

Teaching form

Lessons, trainings.

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

Oral test on the topics included in the course programme.

Office hours

On appointment.

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING
