



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Scienze Riabilitative 1

1920-2-I0202D127-I0202D115M

Aims

After completing this course, the student will be able to assess the child with neuropsychomotor diseases, and to establish a profile of development and an evaluation test.

Contents

REHABILITATIVE SCIENCES 1: The therapist role in Neonatal Intensive Care Unit (NICU). Brazelton's behavioural observation. Abilitative-rehabilitative therapy to the neonatal patient in NICU. Breathing physiotherapy in NICU. Rehabilitative techniques in the orthopaedic pathology.

Detailed program

REHABILITATIVE SCIENCES 1

- ? Post fracture Rehabilitative treatment (adult-child, comparisons)
- ? Hip dysplasia, congenital clubfoot and alleged forefoot
- ? Congenital Torticollis
- ? Infant Scoliosis
- ? Obstetric paralysis
- ? Role of physiotherapist in NICU (areas and means of action)
- ? The care in NICU. Hints to sensory development in fetal life

- ? General principles of care for premature
- ? Presentation of Brazelton form in NICU (signs of stress and self regulation)
- ? Program of postural care (presentation of video)
- ? Analysis of individual postures: supine, prone, right side and left, semi-sitting
- ? Speech habilitation / rehabilitation for the child in NICU
- ? Customized help to preterm child development in NICU
- ? Sensory Experiences (Tender Touch Program, visual and auditory experience)
- ? Kangaroo Mother Care
- ? Handling
- ? Feeding Function
- ? Aids in NICU
- ? The SIDS in NICU
- ? Habilitative Counseling after discharge from TIN (hints)
- ? Video Observations
- ? Problem solving and discussion on clinical cases
- ? Taking Charge of clinical cases in neonatal intensive care

Prerequisites

Objectives of the first year courses

Teaching form

Lectures

Textbook and teaching resource

1. Grassi,Pazzaglia,Pilato, Zatti, Manuale di ortopedia e traumatologia, Elsevier Masson, 2007.
2. R. Seringe,Anatomie pathologique du pied bot varus equin, Annales de chirurgie,107-118,1977.
3. Ponesti,Piede torto congenito: il metodo Ponesti, Lynn Stateli Ed., 2005.
4. Di Meglio,Bonnet,Rieducazione del piede torto varo equino,Engel Med. Chir., Medicina Riabilitativa, 26-42B-

b-10,1997.

5. A.I.F.E.: Triangolo di valutazione pediatrica. www.aife.it

Semester

First semester

Assessment method

Written exam: quizzes with single / multiple choice and open questions with brief answer.

Final oral exam at the discretion of the teacher or on the student's proposal regarding the project

Office hours

You receive by appointment
