UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Rehabilitative Sciences 1

2021-2-I0202D137-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

In the Covid-19 emergency period, lessons will be held remotely asynchronously with synchronous videoconferencing events

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

During the Covid-19 emergency period the exam will take place electronically with proctoring control.

Office hours

You receive by appointment