UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Neuropsychomotor Sciences 3

2526-3-I0202D150-I0202D057M

Aims

At the end of the course, the student should be able to assess the child with neuropsychomotor diseases, adapt and modify rehabilitative techniques and interventions, as regards the needs of the child, in Neuropsychomotor Therapy.

Contents

NEUROPSYCHOMOTOR SCIENCES 3: Setting neuropsychomotor treatment The rehabilitation process as a cultural phenomenon. The aid process in psychomotor therapy. The technical aspects of psychomotor rehabilitation. Space and time in neuropsychomotor treatment.

Detailed program

NEUROPSYCHOMOTOR SCIENCES 3

The rehabilitation process as a cultural phenomenon

The Ability to adapt the work at the current development level of the patient.

Concentration of the re-educators on their bodies: a possible monitoring of the dialectic needed

The process of aid in psychomotor therapy:

participated observation

descriptive observation

Reading Plan

psychomotor rehabilitation

Rehabilitation setting

Rehabilitation project

Communication with parents about rehabilitative project

Verification of rehabilitation project

Relational aspects: the therapeutic relationship in psychomotor rehabilitation

The technical aspects of psychomotor rehabilitation

Structuring and deconstruction of the body scheme

Perceiving the body through:

the movement

the mediation of the object

the body of others

How to help the child to achieve the integration of body scheme

The cognitive rehabilitation in learning disabilities and intellectual deficits

Space and time in neuropsychomotor treatment

Habilitation and rehabilitation of spatio temporal structure in psychomotor therapy:

time

space

distance

rithm

Acquisition of spatial references

Projection in space: orientation

Temporal Structuring

Technical Rehabilitation in space-time, spatial perceptual and lateralization disease

Technical Rehabilitation of motor coordination disorders

Assessment and abilitation of infant at neurodevelopmental risk

Prerequisites

Objectives of the first ad second year courses

Teaching form

Lectures

Textbook and teaching resource

R.Militerni, Neuropsichiatreia Infantile,Idelson Gnocchi Ed., 2010

D.Valente a cura, Fondamenti della Riabilitazione Infantile, Carrocci Ed.,2009

C. Pisaturo, Appunti di psicomotricità,Piccin Ed., 1996

Gison G, Bonifacio A, Minghelli E. *Autismo e psicomotricità. Strumenti e prove di efficacia nell'intervento neuro e psicomotorio precoce.* 1st ed. Trento: Ed. Erickson; 2012.

R. Militerni,S. De Vita, A. Fogli, La prima diagnosi di Autismo. Punti di riflessione per i pediatri e i componenti delle equpe specialistiche dedicate ai Disturbi dello Spettro Autistico. Edizioni Mathesis, 2015.

Il metodo SAM. a cura di: Annalisa Risoli. Edizione: 2013. Collana: CAROCCI FABER Le professioni sanitarie (66)

La teoria polivagale e lo sviluppo del bambino. Sistemi di cura per rafforzare bambini, famiglie e comunità
di Marilyn R. Sanders (Autore) George S. Thompson (Autore) Giulia Lanza di Scalea (Curatore)
Giovanni Fioriti Editore, 2022

La mente relazionale. Neurobiologia dell’esperienza interpersonale, Siegel D.J., Milano, Raffaello Cortina Editore, 2021. 3

C.Pecini, D. Brizzolara (a cura di), Disturbi e traiettorie atipiche del neurosviluppo. Diagnosi e intervento, Ed. McGraw-Hill Milano, 2020

Semester

Second semester

Assessment method

Written exam: quizzes with single / multiple choice and open questions with brief answer. Video review and drafting of a rehabilitation protocol and program.

Final oral exam at the discretion of the teacher.

Office hours

By appointment

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | GENDER EQUALITY