UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Neurodevelopment and Child Neuropsichiatry

2324-1-I0202D149-I0202D147M

Aims

After completing this course, the student will have to know the birth of movement from the fetus to the newborn and the development in the first year of life, and the relationship between individual development and the environment

Contents

NEURODEVEPLOMENT AND CHILD NEUROPSYCHIATRY : Neurobiological bases. The psychological birth. Psychological development. Memory. The neuropsychological bases of memory. Forms of memory and their characteristics. Memory and cognitive development. Mind and brain. Genetic and environmental influences on mental development. Characteristics of the development in the first year of life. The organization of higher psychic functions.

Detailed program

NEURODEVELOPMENT AND CHILD NEUROPSYCHIATRY
? Neurobiological bases
? Executive functions
? Psychological birth
? Psychological development: relationship between individual and environment until the appearance and use of the object
? The transitional object
? Memory
? The neuropsychological bases of memory
? Forms of memory and their characteristics

? Implicit Memory and development
? Explicit Memory. Facts, events, and autobiographical consciousness
? The role of emotions in remembering and forgetting
? Stress, trauma, memory
? Memory and cognitive development
? Mind and brain
? Genetic and environmental influences on mental development
? Implications within clinical and prevention field
? Characteristics of the development in the first year of life
? Concept of epigenesis and cerebral plasticity
? The importance of early relationships
? Neuropsychomotor development of the term newborn during the 1st year of life
? Neurodevelopmental Semeiotics (Milani Comparetti, Brazelton)
? Counseling to promote the orderly development
? Early signs of risk for motor, cognitive, relational disease
? The organization of higher psychic functions
? Attention
? Emotions
? Language

Prerequisites

- Objectives of the course Bases of Movement.

Teaching form

Lectures

Textbook and teaching resource

1. A.R. Damasio, L’errore di Cartesio, Adelphi Ed., 1995
2. D.W. Winnicott, Il bambino, la famiglia e il mondo esterno, Magi Edizioni, 2005
3. G. Cioni (a cura di), Il bambino impara a muoversi, Pacini Editore, 1991
4. A. Milani Comparetti , Semeiotica neuroevolutiva in Riabilitazione, Prospettive in Pediatria 48, 305-314, 1982
5. G. Rapisardi, La valutazione dello sviluppo psicomotorio nel primo anno di vita, Pediatria 20, 96-103, 1994.

Semester

Second Semester

Assessment method

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

Office hours

We receive by appointment

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING