CoPGr CURRICULAR CHAMBER SUBJECTS PRESENTATION FORM

SUBJECT'S ACRONYM: RNP5774

SUBJECT'S NAME: Functional Evaluations in Neuropediatrics

CURRICULUM/AREA: Neurology/17140

FOCALAREA: Neurosciences

INITIAL VALIDITY (Year/Semester):

N. OF CREDITS: 04

Theoretical Classes: 06 Practical Classes, Seminars and Others: 02 Hours of Study: 02 DURATION IN WEEKS: 06

PROFESSOR(S) IN CHARGE: USP Professor, n. 720424 – Luzia Iara Pfeifer

ACTUAL COSTS OF THE SUBJECT: BRL

(Presenting, if applicable, the budget foreseen for the year, as an attachment)

PROGRAM

OBJECTIVES:

Knowing the limitations in the activities and participation of children with neurological alterations. Studying functional evaluation protocols used in the neuropediatrics clinic. Allowing to identify alterations and, from this, plan therapeutic objectives.

JUSTIFICATION:

The CIF offers a scientific base allowing to understand and study all the aspects of human health and the conditions related to health. This classification considers the functions and structure of the body and the activity and participation, and those two previous items are qualified on the performance and capacity. The Performance describes what a person does in his/her usual environment, and the Capacity describes the potential of an individual in order to perform a task or action (WHO, 2008).

The neurological alterations in the childhood may affect both the body's functions and structures, such as activities and participation and, before that, it is important to use instruments that can measure the functional limitations of this population making possible a diagnosis, prognostic, elaboration of intervention plans, as well as performing a follow-up of the intervention process, whether with medications or rehabilitation.

CONTENT (SYLLABUS):

International Classification of Functionality: Children and Young People – CIF/CJ

• Functional alterations in the main neurological syndromes and diseases in the childhood: Cerebral palsy, Traumatic Brain Injury, Epilepsies, Hydrocefalies and Dysraphism

• Functional Evaluations:

- Motor Classifications Systems GMFCS – E & R (Gross Motor Function Classification System Expanded & Revised) and MACS (Manual Ability Classification System)

- Functionality Measures: GMFM (Gross Motor Function Measure) and WeeFIM (Functional Independence Measure)

- Manual Function Evaluations: QUEST (Quality of Upper Extremity Skills Test), Assisting Hand Assessment (AHA), Melbourne Assessment of Unilateral Upper Limb Function (Melbourne assessment), BFMF

(Bimanual Fine Motor Function).
Performance Evaluations: PEDI (Pediatric Evaluation of Disability Inventory), COPM (Canadian Occupational Performance Measure) and GAS (Goal Attainment Scale)
Implications to the rehabilitation clinic

EVALUATION METHOD:

Frequency and participation in the classes Seminars elaboration and presentation Elaboration of reviews from the selected articles

NOTES:

The practical classes performed through the videos analysis, previously elaborated to the functionality classifications.