



WEB OF SCIENCE



Balneo and PRM Research Journal

DOI: <http://dx.doi.org/10.12680/balneo.2021.452>

Vol.12, No.3 September 2021

p: L82

Editor: Constantin MUNTEANU, E-mail: office@bioclima.ro

CURRENT OVERVIEW AND REAPPRAISAL ON ESSAYS TOWARDS SYSTEMATIZING CLINICAL ASSESSMENT INSTRUMENTS USED TO EVALUATE NEURO-FUNCTIONAL DEFICITS AFTER CEREBRAL PALSY INCLUDING THROUGH THE ICF(-DH) CONCEPTUAL FRAMEWORK

ONOSE Gelu^{1,2}, CIOBANU Vlad³, PADURE Liliana^{1,4},MORCOV Cristian Gabriel⁴, MORCOV Maria Veronica⁴Corresponding author: Gelu ONOSE, E-mail: geluonose@gmail.com

1. University of Medicine and Pharmacy “Carol Davila”, Bucharest, Romania
2. Teaching Emergency Hospital “Bagdasar-Arseni”, Bucharest, Romania
3. Politehnica University of Bucharest, Computer Science Department
4. The National Teaching Centre for Neuro-psycho-motor Rehabilitation in Children “Dr. N. Robanescu”, Bucharest, Romania

Abstract

Introduction. We herein continue our series of works dedicated to current reappraisals on clinical assessment instruments designated to evaluate functional deficits in the main neurologic/ neurosurgical conditions. The actual one refers to the most frequently used such instruments in cerebral palsy.

Like we have previously asserted the”... WHO (World Health Organization – o. n.)’s modern kind of endeavor matches with another contemporary advanced concept: of ‘Evidence-based Medicine’, an already renown proceeding for correct and complete/ minute diagnosis and prognosis, and respectively, for consequent, specific therapeutic-rehabilitative, social, occupational – if applicable – decision-making, and consequent appropriate interventions.

Material and method. As in our previous works of this kind, we review the related essays towards systematization through the WHO’s new paradigm to approach human functioning: International Classification of Functioning, Disability and Health (ICF-DH) – as it is progressing towards implementation – based on an updated preliminary literature review. This work has the approval (No. 6923/ 27.07.2020) of the Ethics Commission of the National Teaching Centre for Neuro-psycho-motor Rehabilitation in Children “Dr. N. Robanescu”.

Results. This approach encompasses:

- a related systematic literature review Preferred Reporting Items for Systematic Reviews and Meta-Analyses (PRISMA) based methodologically
- some synthetic considerations regarding the actual clinical-epidemiological status of cerebral palsy
- brief emphasizes on basic characteristics of the WHO’s ICF(-DH)
- an overview on the clinical assessment instruments used in cerebral palsy and their proposed framing within the ICF(-DH).

Conclusions. General remarks and perspectives in the domain are made, acknowledging the necessity to continuously keeping updated, making reappraisals and selecting to use in practice the most appropriate related evaluation tools – considering both: their international recognition and acceptance and respectively, the specific effective possibilities for their impelmentation.

Key words: *cerebral palsy, systematic literature review, International Classification of Functioning, Disability and Health (ICF-DH), assessment instruments/ measurement scales*