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Hikma technique for cerebral palsy rehabilitation

There is a gap between the cerebral palsy assessment tools and the actual CP rehabilitation in the clinic. This is because the various cerebral palsy assessment tools could not be translated to a clear, easy understandable and systematic rehabilitation intervention. Therefore, there is an urgent need for specific technique that could be recommended as national guidelines, rather than such named approaches, and should be the basis of systematic CP rehabilitation. From this point, a young researcher with cortical plasticity background started to establish a new concept & technique (Cure in Arabic language) for CP rehabilitation. The technique could serve as promising standard for CP assessment that could be translated clearly to rehabilitation interventional program problem – solving technique that trains functionally and guides the child with CP to restore his/her normal developmental milestone.

The participant of this workshop is expected to have:

- Introduction for developmental milestone according to the five modules of developing progression; in prone, in supine, in sitting, in rolling, in standing and in walking progressions.
- Introduction for the new CP assessment form (one page only) includes the muscle tone profile,
- The back and pelvic profile, the profile of five developmental modules, rotational deformity
- profiles and postural alignment profiles.
- Introduction of how to translate the assessment finding into a systemic rehabilitation program.
- Introduction of hand skills and rehabilitation postures on real case or simulation case.

Biography

Hikmat Hadoush graduated from Jordan University of Science and Technology (JUST) with BSc degree in PT. After almost two years of being PT Therapist and Teaching Assistant in JUST, he left to Japan to start his professional and academic journey. There, he got MSc in Locomotor and Neurological Rehabilitation and PhD in Neurological Rehabilitation focusing in cortical plasticity in response to various neurological conditions and neurological rehabilitation approaches. The journey ended and he returned again to JUST as Assistant Professor, where he started his new journey in cortical stimulation therapy and in developing new approach of pediatric rehabilitation.

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