BBTA | Introductory Module 3

Postural Control and Recovery of Arm and Hand Function

This BBTA module considers the development of postural control with particular reference to the recovery of upper limb function. It will include theoretical and practical sessions and a patient demonstration.

Course Aims:

- To identify a framework for assessment and treatment of the patient with impairment of upper limb function
- To develop skills of movement observation, movement analysis, and movement facilitation with particular reference to improving upper limb function
- To link the evidence base and clinical practice

Learning Objectives:

- Make links from modules one and two to understand the postural foundation and movement control principles necessary for efficient arm and hand function
- Consider key aspects of the neural control of the arm and hand and its relevance to recovery
- Identify key components of efficient movement performance and recognise potential causes for lack of efficiency in functional movement of the upper limb and hand
- Explore the use of movement facilitation skills to influence posture and movement integration related to selective movement of the arm and hand
- Apply knowledge of movement control and analysis to assessment and treatment of a patient with neurological dysfunction (clinical reasoning)

Who is this course suitable for?
Qualified Physiotherapists and Occupational Therapists working in neurology

Requirements:
Applicants must be a qualified PT or OT

Suggested Reading:

Boccuni, L., Marinelli, L., Trompetto, C., Pascual-Leone, A. and Tormos Muñoz, J.M., 2022. Time to reconcile research findings and clinical practice on upper limb neurorehabilitation. Frontiers in neurology, 13, p.939748.

McLoughlin, J., 2020. Ten guiding principles for movement training in neurorehabilitation. OpenPhysio J, 10, pp.1-17.