

## **BBTA | Introductory Module 1**

### **Human Movement Analysis as a Basis for Clinical Reasoning**

This 1.5-day module is designed to introduce participants to the concept of movement analysis in the assessment and treatment of adults with neurological or neuromuscular dysfunction. The module consists of a theoretical introduction to movement analysis, practical sessions, and a patient demonstration.

#### **Course Aims:**

- To discuss movement analysis based on The Bobath Concept
- To explore and enhance skills of observation, analysis and facilitation in a neurologically intact subject
- To link the evidence base and clinical practice

#### **Learning Objectives:**

- Describe key components relating to the postural analysis of sitting, standing and moving between sitting and standing (including task analysis)
- Identify key characteristics of efficient movement performance and recognise potential causes for lack of efficiency
- Explore variable presentations of postural control in a healthy population
- Demonstrate effective facilitation of movement transitions e.g. sit to stand, stand to sit
- 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 Neurorehabilitation

#### **Requirements:**

Applicants must be a qualified PT or OT

#### **Suggested Reading:**

Michielsen et al (2017) The Bobath concept - a model to illustrate clinical practice. Disability and Rehabilitation, DOI: 10.1080/09638288.2017.1417496

Vaughan-Graham J, Eustace C, Brock K, Swain L and Irwin-Carruthers S (2009) The Bobath Concept in Contemporary Clinical Practice. Topics in Stroke Rehabilitation, 57, (12).

Fisher, B.E., 2020. Beyond limits: unmasking potential through movement discovery. Physical Therapy, 100(5), pp.747-756.