

## **Upper Limb Serial Casting Course**

*A practical course for casting the upper limb in children with neurological impairment.*

### **COURSE DESCRIPTION**

The 1 day training course will focus on the theory and practical application of casting for the management of the upper limb in children with neurological impairment. The course will assist clinicians in making sense of who, how, why and when to apply casting as an intervention. Participants will also learn how to objectively evaluate treatment outcomes. Detailed course notes, casting materials used in the course and reference material are provided.

### **COURSE OBJECTIVES**

Upon completion of this course, participants will be able to:

- Apply knowledge and skills relevant to contracture management in children with neurological impairment.
- Assess aspects of upper limb impairment (i.e. range of movement, spasticity) using appropriate measures such as goniometry, the modified Tardieu Scale and the Modified Ashworth scale.
- Interpret assessment findings and develop an appropriate casting program including identifying joints to be cast, materials to be used, problem solving, timing of casting process, contraindications, and step down procedures.
- Effectively apply appropriate casting intervention.
- Maintain accurate records of all aspects of the casting process including: clinical indication for casting, materials used, duration of casting intervention, and follow-up intervention required (e.g. thermoplastic splinting)
- Objectively evaluate the outcomes of a casting program.
- Safely and effectively monitor and evaluate the effects of the casting intervention.

### **INSTRUCTORS**

Dr Brian Hoare (OT, CPteaching, Melbourne).

### **WHO SHOULD ATTEND**

Occupational therapists, Physiotherapists.