



Hand Assessment for Infants

Online Training Course
Melbourne Feb/March 2024



Hand Assessment for Infants



Course information

The Hand Assessment for Infants (HAI) is a recently developed assessment of hand function for infants at risk of developing cerebral palsy (CP) in the age range 3-12 months old.

The HAI aims to measure the degree and quality of goal directed actions performed with each hand separately as well as with both hands together. The HAI is scored on 17 items (12 unimanual and 5 bimanual) each scored on a 3-point criterion referenced rating scale.

The outcome of the test provides a separate score for each hand, illustrating possible asymmetric hand use, as well as providing an overall score of general upper limb ability. The HAI has been validated for infants with clinical signs of unilateral cerebral palsy, with age norm references also now available.

How is the course conducted?

The course teaches the reliable use of the HAI assessment in three steps.....

1. The first step involves a three-day online workshop where participants will learn about the constructs underlying the HAI, the test items and how to score them using the detailed item criteria, test procedures including the play session and toy used, and scoring of infants from video recordings. Course handouts, a HAI manual and a computer-based scoring form will be provided to the course participants.
2. Following the workshop, the participants will practice further scoring of videos on an e-learning website (Coursio) and will receive individual feedback about their scoring.
3. In the third step, participants will create their own test kit according to instructions given during the course, and then conduct their own HAI video recorded play sessions. Feedback on the selected toys and the play session is provided.

Course objectives

On completion of the course participants will be able to:

- Understand the constructs upon which the HAI is based and describe early psychometric evidence
- Produce reliable scores according to the criteria in the manual
- Demonstrate how to select appropriate toys for a HAI play session
- Demonstrate the set-up and video-recording of the session and how toys are used to provoke active hand use in infants
- Interpret and communicate outcomes from the testing procedures

Course teachers

Dr Susan Greaves is an Occupational Therapist with over 35 years of experience working in paediatrics, predominantly with children with cerebral palsy. She is currently working in private practice, teaches worldwide the reliable administration of the Mini-AHA and HAI assessments as well as conducting ongoing research in upper limb assessment and interventions for children with unilateral CP. Sue's PhD studies involved the development of the Mini-Assisting Hand Assessment.

Ashlee Cruz is a Senior Occupational Therapist at The Royal Children's Hospital, Melbourne. Ashlee has extensive experience in assessing children with neurological conditions and neurodevelopmental concerns.



Course details

When: 28th, 29th February and 1st March 2024 for North American participants. 29th February and 1st, 2nd March 2024 for Australian participants

Time: 7:30am-12:30pm – Australian Eastern Daylight Time and 12:30pm – 5:30 pm Pacific Standard Time (USA)

Who should attend: Paediatric occupational therapists and physiotherapists who provide assessment and intervention to young children with unilateral cerebral palsy.

Cost: AUD \$720 (AUD \$792 inclusive of GST for Australian participants). Please note that we require payment in Australian dollars.

How do I register?: Please completed the attached registration form and return to sue.greaves1@outlook.com.

Limited places available and cancellation conditions apply