



## Advanced Bimanual Course

Evidence-based treatment for children with cerebral palsy

### Day 1

Time	Topic
8:45 to 10:45	<b>Introduction</b> <ul style="list-style-type: none"><li>- Course outline and participant introductions.</li><li>- What is bimanual therapy? Evidence in children with CP.</li><li>- Action-perception theory and learning bimanual skills. Using the environment to influence and change behaviour.</li><li>- Hand role differentiation and functional hand use in children with CP.</li></ul>
10:45 to 11:10	Morning tea
11:10 to 12:30	<b>Principles for activity dependent plasticity</b> <ul style="list-style-type: none"><li>- Activity dependent plasticity and bimanual therapy programs.</li></ul>
12:30 to 1:10	Lunch
1:15 to 2:15	<b>Group activities</b> <ul style="list-style-type: none"><li>- Introduction to group activities</li><li>- Group activity</li></ul>
2:15 to 3:30	<b>Case study 1 feedback, discussion and demonstration</b>
3:30 to 3:45	Afternoon tea
3:45 to 5:00	<b>Case study 2 feedback, discussion and demonstration</b>

### Day 2

Time	Topic
8:45 to 10:15	<b>Teaching and learning bimanual skills. Principles of motor learning theory</b>
10:15 to 10:40	Morning tea
10:40 to 12:00	<b>Case study 3 feedback, discussion and demonstration</b>
12:00 to 12:45	Lunch
12:45 to 2:00	<b>Case study 4 feedback, discussion and demonstration</b>
2:00 to 2:30	Case study conclusion and general discussion
2:30 to 3:00	Afternoon tea
3:00 to 4:15	<b>Implementation, individual considerations and outcome measurement</b> <ul style="list-style-type: none"><li>- Cognitive impairment and cerebral palsy. Impact on learning bimanual skills.</li><li>- Considerations for infants and children with bilateral impairment.</li><li>- Measuring practice and feedback conditions.</li><li>- Outcome measurement.</li></ul>
4:15 to 4:30	<b>Course conclusion</b>