

## Course Infant Motor Profile (IMP)

The Infant Motor Profile (IMP) is a novel instrument to assess motor development in infancy. It is a video-based assessment for infants aged 3 to 18 months, or rather until the age of walking independently for a few months. It is based on a video of about 15 minutes of spontaneous motor behavior in supine, prone, sitting, standing, walking and during reaching and grasping – depending on the age of the infant. The IMP does not only include information about the infant's motor achievement but also information about the way in which the infant accomplishes his/her achievements.

The qualitative aspects of the assessment are based on the principles of the Neuronal Group Selection Theory (NGST). This means that key parameters in IMP assessment are the size of the infant's motor repertoire (sufficiently variable or not; 25 items) and the infant's ability to make an adaptive selection out of his/her repertoire (15 items). Other domains are performance (23 items), symmetry (10 items) and fluency (7 items). The first studies indicate that the IMP is an instrument with good reliability and promising validity.

The course starts with the theoretical background of the IMP. Thereafter ample time will be devoted to practise, mostly on the basis of existing video recordings, but also on the basis of newly made video recordings.

### Programme

#### Monday June 23<sup>th</sup>, 2014

9.15 – 10.45	Principles of typical and atypical motor development (NGST)
10.45 – 11.05	Coffee break
11.05 – 12.15	Introduction of the Infant Motor Profile (IMP)
12.15 – 13.30	Lunch
13.30 – 14.30	Practise: IMP Videos of infants aged 4-6 Months
14.30 – 14.45	Coffee/tea break
14.45 – 15.45	Assessment of an infant. IMP scoring on basis of the video recording [this means: a real infant is assessed, the assessment is video taped, next this video is assessed with the group]
15.45 – 16.00	Coffee/tea break
16.00 – 17.00	Practise: IMP Videos of infants aged 7-12 Months

#### Tuesday May 24<sup>th</sup>, 2014

9.15 – 9.45	Repetition of Day 1
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9.45 – 10.45	Practise: IMP Videos of infants aged 12-18
10.45 – 11.05	Coffee break
11.05 – 12.15	Practise: IMP Videos of infants aged 4-6 Months
12.15 – 13.30	Lunch
13.30 – 14.30	Assessment of an infant. IMP scoring on basis of the video recording [this means: a real infant is assessed, the assessment is video taped, next this video is assessed with the group]
14.30 – 14.50	Coffee/tea break
14.50 – 15.50	Application of the IMP in Research and Practise Practise: IMP Videos of infants aged 10-18 Months
15.50 – 16.00	Coffee/tea break
16.00 – 16.45	Test