Eligible children: all children with hemiplegic CP
Age: 5-15 yrs
Inclusion criteria

**Excluded:**
- Not meeting inclusion criteria
- Declined to participate

**T0:** 1 week before the onset of training
AHA, MUUL, ABILHAND-Kids, fMRI*

**Randomisation**
House level (4-5 vs 6-8)

**Allocation**

**Experimental group:**
Action-Observation Therapy of tailored and child-oriented goal actions (15 days)
(n= 12)

**Control group:**
Physical practice of tailored and child-oriented goal actions (15 days)
(n= 12)

**Follow-up**

**T1:** 1 week after training
AHA, MUUL, ABILHAND-Kids, fMRI*

**T2:** 8 weeks after training
AHA, MUUL, ABILHAND-Kids, fMRI*

**T3:** 24 weeks after training
AHA, MUUL, ABILHAND-Kids