Zurich studies on neuromotor development from 3 to 18 years of age

Original title / Originaltitel
Zurich studies on neuromotor development

Summary / Zusammenfassung
Neuromotor development from 3 to 18 years was a major focus of the Zurich studies that is both of clinical and scientific relevance:
- Methods were developed to assess distinct motor functions with regard to timed performance and movement quality (duration and intensity of associated movements).
- A set of new statistical methods has been developed specifically suited to neuromotor variables that will allow a more sophisticated longitudinal data analysis.
- Developmental course and variability of timed performance and movement quality was described between 3 and 18 years.
- Gender differences of timed performance and movement quality were investigated.
- Laterality of timed performance and movement quality were analyzed.
- Distinct patterns in timed performance and movement quality in children with spastic and dyskinetic cerebral palsy were described.

Publications / Publikationen

Keywords / Suchbegriffe
Neuromotor development, timed performance, movement quality, gender differences, laterality, age 5 to 18 years

Project Leadership and Contacts / Projektleitung und Kontakte
Dr. Jon A. Caflisch (Project Leader)  jon.caflisch@kispi.uzh.ch
PD Dr. Tanja Kakebeeke

Other Links to external Webpages / Andere Links zu externen Webseiten
http://www.kispi.uzh.ch/Kinderspital/Medizin/Medizin/AWE_de.html
Funding Source(s) / Unterstützt durch
SNF (Personen- und Projektförderung)

Duration of Project / Projektdauer
Apr 1999 to Mar 2003