

A pilot study to assess the reliability and validity of the sub domains motor development (*bewegingsactiviteiten*) of the Franciscusoord Development Steps Scale (*Franciscusoord Ontwikkelingsstappen Schaal* (*FOS*)) in the playgroups at Franciscusoord

Published: 16-07-2008

Last updated: 06-05-2024

The final aim of this project is that the domain of motor development (*bewegingsactiviteiten*) of the FOS can be used to improve the participation in the rehabilitation process of the direct environment and to make a start to improve the...

Ethical review	Approved WMO
Status	Pending
Health condition type	Other condition
Study type	Observational non invasive

Summary

ID

NL-OMON32344

Source

ToetsingOnline

Brief title

Reliability and validity of the subdomains motor development of the FOS

Condition

- Other condition

Synonym

disorders causing a delay in motor development

Health condition

alle aandoeningen, van licht tot ernstig van fysieke aard die leiden tot een achterstand in de motorische ontwikkeling van kinderen.

Research involving

Human

Sponsors and support

Primary sponsor: Stichting Revalidatie Limburg (SRL)

Source(s) of monetary or material Support: Ministerie van OC&W

Intervention

Keyword: BSID, FOS, Reliability, Validity

Outcome measures

Primary outcome

To assess the reliability and validity of the two sub domains of motor development of the FOS, the scores from the two group leaders will be compared. Subsequently, the scores the group leaders will be compared with the scores on the BSID-II-NL. Further, to asses the reliability of the two sub domains of motor development of the FOS the scores of the parents will be compared.

Secondary outcome

Not applicable.

Study description

Background summary

Parents and care givers in the direct environment participate increasingly in the process of rehabilitation. However, almost no starting points exists to improve this participation. Besides, parents and care givers have difficulties in estimating the development of the child. To increase the participation and gain a better insight to development of the child the Franciscusoord

Development Steps Scale (*FOS*) was developed. Based on the results of the FOS, other team members (child physiotherapist, psychologist or speech therapist) can use another valid and reliable measurement instrument to analyze the development of the child more in detail. In this way the FOS can contribute to a better integrated and coordinated care around the child.

Study objective

The final aim of this project is that the domain of motor development (*bewegingsactiviteiten*) of the FOS can be used to improve the participation in the rehabilitation process of the direct environment and to make a start to improve the contribution to the rehabilitation process of the parents. The project investigates the reliability and the validity of the FOS within the domain motor development for the group leaders and makes a first step in adjusting the version for the parents.

Further, in the future the gained knowledge in this project can be used to adjust other domains of the FOS to make it more valid and reliable in both versions (for group leaders and parents).

Study design

The parents of the children will be invited to participate in the study by means of a written patient information form. If they decide to participate, the FOS will be assessed in two different ways. Two group leaders will fill out the FOS independent of each other. Furthermore, the parents will be asked to fill out the FOS by means of an interview by the researcher. Moreover, child physiotherapists will use the Dutch Bayley Scales of Infant Development-second edition (BSID-II-NL) to assess the motor development of infants. All measurements will take place in the same week to prevent bias. The study will start in August 2008 and will end in October 2008.

Study burden and risks

The FOS will not be filled out in the presence of the child and will therefore not cause any burden to the child. The only possible burden to the child is that the BSID-2-NL will be assessed one time extra. Risks involved in assessing the BSID-2-NL are nil, because the BSID-2-NL assesses only daily skills like walking, grabbing etc. Moreover, the BSID-2-NL will be assessed by experienced child physiotherapists at Franciscusoord. It will take about 30 minutes for each parent to fill out the FOS.

Contacts

Public

Stichting Revalidatie Limburg (SRL)

Onderstestraat 29
6301 KA Valkenburg
Nederland

Scientific

Stichting Revalidatie Limburg (SRL)

Onderstestraat 29
6301 KA Valkenburg
Nederland

Trial sites

Listed location countries

Netherlands

Eligibility criteria

Age

Children (2-11 years)

Inclusion criteria

- belonging to the age group 0 - 5 years
- children from the playgroups of Franciscusoord

Exclusion criteria

In this study no specific in- or exclusion criteria were formulated. The sub domains motor development ('bewegingsactiviteiten') are used to evaluate the motor development of children with various disorders. When a child has only one parent/guardian, the parent/guardian will not be interviewed.

Study design

Design

Study type: Observational non invasive

Masking: Open (masking not used)

Control: Uncontrolled

Primary purpose: Other

Recruitment

NL

Recruitment status: Pending

Start date (anticipated): 05-06-2008

Enrollment: 45

Type: Anticipated

Ethics review

Approved WMO

Application type: First submission

Review commission: METC SRL Stichting Revalidatie Limburg (Hoensbroek)

Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

Other (possibly less up-to-date) registrations in this register

No registrations found.

In other registers

Register

CCMO

ID

NL23340.022.08