Uniform Screening for Speech & Language delays in Dutch Child Health Care

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Our goal is to develop a standardized and validated Early Language Screening instrument (ELS-NL) for speech and language delays in children from 1 to 6 years of age living in the Netherlands.

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

Summary

ID

NL-OMON40267

Source
ToetsingOnline

Brief title
Language Screening

Condition

- Other condition

Synonym
language development, Speech, talking

Health condition

Spraak-, taalontwikkeling, communicatieve ontwikkeling

Research involving
Human

Sponsors and support

Primary sponsor: Hanzehogeschool Groningen
Source(s) of monetary or material Support: ZonMw,SIMEA

Intervention

Keyword: prevention, screening, Speech-language-development

Outcome measures

Primary outcome

Speech-language development of children from 1 to 6 years of age.

Secondary outcome

not applicable

Study description

Background summary

Dutch Child Health Care (CHC) and educational professionals systematically monitor the speech language development of children with the Van Wiechenontwikkelings-onderzoek or other observation schemes. However, the psychometric properties of this routine screening for speech and language delays are unknown. This project is funded by ZonMw and SIMEA.

Study objective

Our goal is to develop a standardized and validated Early Language Screening instrument (ELS-NL) for speech and language delays in children from 1 to 6 years of age living in the Netherlands.

Study design

We will conduct an observational study to standardize and validate the ELS-NL.

Study burden and risks

To standardize and validate a screening instrument one needs data from the concerning population. Data gathering for ELS-NL (primary objective is speech and language development of children from 1 to 6 years of age) must be

performed within the population children from 1 to 6 years of age and their parents / caregivers.
Standardizing: The parents/caregivers (n=2000) will be asked to respond on the items of our screening instrument. This will take 10 minutes.
Validation: A weighted selection of the parents/caregivers will be included in the validation part of the study. This part consists of a home visit. The parents fill in a parental questionnaire to provide information on their child*s development. The child will perform on language tests (language production (words and sentences), language comprehension and interaction). The language tests consist of elicitation procedures, most of which are based on imitation. Administration of the tests will all take place at home during one day part. The language tests take on average 45 minutes.
The language tests (Schlichting Test voor Taalproductie: onderdeel woordontwikkeling en zinsontwikkeling, Schlichting Test voor Taalbegrip, Taalstandaard, Children's Checklist Communication) are tests and questionnaires that are normally used in speech-language pathology*s practices and are proven to be not stressful for the child. If a child refuses to cooperate, the test administration will be stopped.
Parents / caregivers can withdraw from the study at any time, this has no consequences for the child or the parent / caregiver.
The burden of this study is minimal (about 45 minutes of testing for the child) and the risk is negligible.

Contacts

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Trial sites

Listed location countries

Netherlands

Eligibility criteria

Age
Children (2-11 years)

Inclusion criteria

Standardization study (n=2000)
Parents / Caregivers of children from 1 to 6 years of age: one parent per child.
Validation study (n=500)
Children from 1 to 6 years of age and one of their parents / caregivers.

Exclusion criteria

The child cannot participate in the test situation due to a:
- hearing impairment: deaf
- visual impairment: blind
- diagnosed neurological disorder
- diagnosed mental disorder

Study design

Design

Study type: Observational non invasive

Masking:	Open (masking not used)
Control:	Uncontrolled
Primary purpose:	Prevention

Recruitment

NL

Recruitment status:	Recruitment stopped
Start date (anticipated):	06-07-2014

Enrollment:	2000
Type:	Actual

Ethics review

Approved WMO Date:	31-12-2013
Application type:	First submission
Review commission:	METC Universitair Medisch Centrum Groningen (Groningen)
Approved WMO Date:	01-07-2014
Application type:	Amendment
Review commission:	METC Universitair Medisch Centrum Groningen (Groningen)

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	ID
CCMO	NL45253.042.13