Validation of the Pediatric Dutch Dysarthria Assessment

Published: 23-02-2015
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To examine the intra-rater reliability and validity of the paediatric DDA.

Ethical review	Approved WMO
Status	Will not start
Health condition type	Other condition
Study type	Observational non invasive

Summary

ID

NL-OMON41988

Source
ToetsingOnline

Brief title
Ped-DDA

Condition

- Other condition
- Congenital and peripartum neurological conditions

Synonym
dysarthria; speech disorder

Health condition

zenuwstelsel: neuromusculaire aandoeningen

Research involving
Human

Sponsors and support

Primary sponsor: Revalidatie
Source(s) of monetary or material Support: Projectsubsidie SIA RAAK

Intervention

Keyword: Assessment, Children, Dysarthria, Speech

Outcome measures

Primary outcome

intra-rater reliability (ICC) and validity against the other judgement of

intelligibility and motor functioning.

Secondary outcome

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Study description

Background summary

Dysarthria (neurological speech disorder) is a common finding in patients with neurological disorders and can have a negative impact on intelligibility of speech and as a consequence be a limit in social interaction and participation in personal life, education and work. To assess and diagnose the type and severity of dysarthria in adults in a standardized way, the Dutch Dysarthria Assessment (Nederlandstalig Dysartrieonderzoek voor volwassenen; NDO-V) was recently developed, validated and published. Dysarthria is also a common disorders in children with a neurological disorder. Dysarthria assessment for children is basically the same as for adults, but the speech tasks had to be adapted and this adapted instrument, the paediatric DDA (NDO-K) now has to be validated.

Study objective

To examine the intra-rater reliability and validity of the paediatric DDA.

Study design

Observational study.

Study burden and risks

There is no burden or risk, because the assessments are part of usual care.

Contacts

Public
Selecteer

Reinier Postlaan 2
Nijmegen 6524 GC
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Scientific
Selecteer

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Trial sites

Listed location countries

Netherlands

Eligibility criteria

Age
Adolescents (12-15 years)
Adolescents (16-17 years)
Children (2-11 years)

Inclusion criteria

Child with dysarthria resulting (from a neurological disorder)
Age between 5 - 18 years
Able to understand simple instrustions

Exclusion criteria

Unable to speak at all

Study design

Design

Study type: Observational non invasive

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

Recruitment

NL

Recruitment status:	Will not start
Enrollment:	30
Type:	Anticipated

Ethics review

Approved WMO

Date:	23-02-2015
Application type:	First submission
Review commission:	CMO regio Arnhem-Nijmegen (Nijmegen)

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	NL51490.091.14