Interventions using Robot KASPAR for children with autism spectrum disorder

No registrations found.

Ethical review Positive opinion
Status Pending
Health condition type -
Study type Interventional

Summary

ID

NL-OMON22230

Source
NTR

Brief title
KASPAR

Health condition

Autism spectrum disorder

Sponsors and support

Primary sponsor: RAAK Pro programme of SIA project number PRO-4-10
Source(s) of monetary or material Support: Stichting Innovatie Alliantie

Intervention

Outcome measures

Primary outcome

The primary outcome of this study is the quantitative operalisation of 1 of the top 10 goals.

These are behaviour indicators, observable and measurable behaviour of the child. The envisioned goal is a 'small' goal for which it is expected that within a short time observable and measurable behaviour can be seen. A number of relevant behaviour indicators are

created that make clear how the child behaves in the context of the goal. These indicators will be created with help of a professional in the area of therapy and education for children with autism.

Secondary outcome

The secondary outcome are the experiences of the professionals (who are present at the sessions) with respect to reaching the goals. This is a qualitative reflection to (better) understand (the context of) why the children behave as they do.

To reach more insight into the factors that are important in (not) reaching the goals.

Study description

Background summary

Aim of the study

The goal of the study is to get insight into the contribution of using interventions with robot KASPAR to reaching therapy and/or educational goals of children with autism spectrum disorder in real world practices.

Research questions

The study has the following (quantitative and qualitative) research questions:

1. To what extent (how much) does KASPAR contribute to reaching therapy/educational goals for children with autism spectrum disorder compared to care as usual?

a. More specifically to what extent (how much) does KASPAR contribute to reaching the goal of "making contact" for children with autism spectrum disorder?

2. What are the (contextual) factors that influence/impact the extent to which therapy goals are reached?

Study objective

The study has the following (quantitative and qualitative) research questions:

1. To what extent (how much) does KASPAR contribute to reaching therapy/educational goals for children with autism spectrum disorder compared to care as usual?

a. More specifically to what extent (how much) does KASPAR contribute to reaching the goal of "making contact" for children with autism spectrum disorder?

2. What are the (contextual) factors that influence/impact the extent to which therapy goals are reached?

Study design

4 sessions (two with KASPAR, two with a person) of ten minutes every week 1 session

Intervention

KASPAR scenario about making contact

Contacts

Public
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Scientific
Claire Huijnen
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The Netherlands

Eligibility criteria

Inclusion criteria

Inclusion criteria:

• Previously defined diagnoses of ASD and corresponding IQ

• Age 6 -12 years

• Children who could potentially benefit from the interventions under study (children that benefit from working on the goals that we created interventions for)

• Understanding of the Dutch language

• Professionals who are a primary/main carer for the specific child

Exclusion criteria

Exclusion criteria

• Deafness

• Blindness

• Extreme physical agression

Study design

Design

Study type:	Interventional
Intervention model:	Parallel
Allocation:	Non controlled trial
Masking:	Open (masking not used)
Control:	N/A , unknown

Recruitment

NL

Recruitment status:	Pending
Start date (anticipated):	15-11-2017
Enrollment:	8
Type:	Anticipated

Ethics review

Positive opinion

Date:	02-11-2017
Application type:	First submission

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
NTR-new	NL6017
NTR-old	NTR6781
Other	METC commissie, METC Z (Medisch Ethische ToetsingsCommissie van Zuyderland en van Zuyd Hogeschool) : 17-N-147

Study results