

The reliability and validity of the Autism Quotient (AQ) as a screener to diagnose autism spectrum disorders.

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Aim is to determine the usefulness of the Autism Quotient as a screener for autism spectrum disorders in 15-18 years old boys. Possibly comorbidity like conduct disorders lessen the usefulness of the autism quotient as a screener because some boys...

Ethical review	Approved WMO
Status	Recruitment stopped
Health condition type	Developmental disorders NEC
Study type	Observational non invasive

Summary

ID

NL-OMON37150

Source

ToetsingOnline

Brief title

The usefulness of the Autism Quotient as a screener.

Condition

- Developmental disorders NEC

Synonym

Autism Spectrum Disorder

Research involving

Human

Sponsors and support

Primary sponsor: GGZ Eindhoven (Eindhoven)

Source(s) of monetary or material Support: GGZ-E

Intervention

Keyword: autism spectrum disorder, screener, sensitivity & specificity

Outcome measures

Primary outcome

The outcome of the study is a high score on the AQ (above standard score):

suspect for autism spectrum disorder or a low score on the AQ (below standard score): not suspect for autism spectrum disorder.

The primary study parameter is autism or not according to the ADOS.

Secondary outcome

none

Study description

Background summary

In the region of Eindhoven there's a high prevalence of autism spectrum disorders. In the outdoor department of GGzEindhoven autism spectrum disorders are diagnosed very often. Prompt and accurate diagnostics is important.

Study objective

Aim is to determine the usefulness of the Autism Quotient as a screener for autism spectrum disorders in 15-18 years old boys. Possibly comorbidity like conduct disorders lessen the usefulness of the autism quotient as a screener because some boys possibly score high on the AQ while there isn't a diagnosis of autism spectrum disorder. This can be measured with the Children's Social Behavior Questionnaire (CSBQ) and the ADOS (Autism Diagnostic Observation Schedule).

Study design

In all 15-18 years old boys AQ, VISK and ADOS will be completed until 2 groups each, a group of 43 AQhighscorers and a group of 44 AQlowscorers. For this purpose 100 adolescent boys will be asked to contribute to the study. The AQ and VISK are part of the Routine Outcome Monitoring at the outdoor department of

GGZ Eindhoven centrum voor kinder- en jeugdpsychiatrie and those questionnaires will be given or sent to the adolescent and his parents and they will be asked to complete those questionnaires. Information about the study is also given in an information letter. They're asked for informed consent. An appointment is made for the ADOS.

Study burden and risks

The expected risk for the adolescent associated with participation is minimal. It takes some time of the adolescent: 15 minutes to complete the questionnaire and 1 hour for the ADOS. Most adolescents experience the Autism Diagnostic Observation Schedule as a non-burdening examination. Eventually an unknown diagnose can become clear.

Contacts

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Scientific

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Trial sites

Listed location countries

Netherlands

Eligibility criteria

Age

Adolescents (12-15 years)

Adolescents (16-17 years)

Adults (18-64 years)
Elderly (65 years and older)

Inclusion criteria

male, age 15-18 years old, talking Dutch

Exclusion criteria

female, younger than 15 or older than 18, foreign language

Study design

Design

Study type: Observational non invasive

Masking: Open (masking not used)

Control: Uncontrolled

Primary purpose: Diagnostic

Recruitment

NL

Recruitment status: Recruitment stopped

Start date (anticipated): 23-04-2013

Enrollment: 100

Type: Actual

Ethics review

Approved WMO

Date: 11-03-2013

Application type: First submission

Review commission: METC Brabant (Tilburg)

Approved WMO

Date: 18-05-2015

Application type: Amendment
Review commission: METC Brabant (Tilburg)

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	NL41160.008.12