

Aging in Autism: Executive functions

No registrations found.

Ethical review	Positive opinion
Status	Recruiting
Health condition type	-
Study type	Observational non invasive

Summary

ID

NL-OMON28410

Source

Nationaal Trial Register

Health condition

executive functions
self-report
informant-report
neuropsychological testing

Sponsors and support

Primary sponsor: GGZ Eindhoven

Source(s) of monetary or material Support: GGZ Eindhoven

Intervention

Outcome measures

Primary outcome

The main study parameters are several measurements of executive functioning obtained via neuropsychological testing, a self-report questionnaire and an informant-report questionnaire. Possible cognitive profiles will be compared between the elderly with and without autism.

Secondary outcome

No secondary outcome

Study description

Study objective

The current study will provide a comparison between elderly with ASD with matched non-patient controls on various EF tasks to determine which cognitive defects are present in elderly. Only a few studies exist on which we can base a hypothesis, but we expect elderly ASD patients to be characterised by deficits in working memory and fluency.

We will compare neuropsychological findings with a measurement of self-report and informant report. Earlier research indicates that including additional measurements of EF will increase the ecological validity and will thus provide more solid ground to generalize clinical data to everyday life. Self-report is expected to have little to no correlation with neuropsychological testing because previous research has suggested that self-report of cognitive ability is only weakly, if at all, related to test performance in neurological populations (Burgess, Alderman, Evans, Emslie, & Allinson, 1998; Evans, Chua, McKenna, & Wilson, 1997; Goldstein & McCue, 1995; Kaitaro, Koskinen & Kaipio, 1995; Sunderland, Harris, & Baddeley, 1983). It is expected that informant report will correlate with neuropsychological tests (Burgess, Alderman, Evans, Emslie, & Allinson, 1998). We will also make recommendations for the clinical field based on our results.

Study design

No timepoints

Intervention

A series of neuropsychological tests, a self-report questionnaire and an informant report questionnaire

Contacts

Public

GGZ Eindhoven
Senne Pol
Eindhoven
The Netherlands

+31 40 297 31 00

Scientific

GGZ Eindhoven

Senne Pol

Eindhoven

The Netherlands

+31 40 297 31 00

Eligibility criteria

Inclusion criteria

-Male

-Age above 60

-An autism Spectrum Disorder as described in the DSM-5

-Intelligence within the normal range, or above. Total, verbal and performal IQ above 85. This is based on the IQ-cutoff provided by the DSM-IV-TR (V-code V62.89) which indicates mental impairment below 85.

Exclusion criteria

General exclusion criteria:

-Specific somatic disorders: Active infection, known genetic abnormalities, metabolic disorder, tuberculosis, epilepsy and traumatic brain injury.

- Cases with disturbance of consciousness, delirium, psychosis, suicidal tendencies, severe aphasia, or major sensorimotor impairment precluding neuropsychological testing.

-Substance abuse (current)

Additional exclusion criteria for the non-ASD comparison group:

-Participant doesn't have an Autism Spectrum Disorder, or any other current psychiatric diagnosis.

-First degree family member with an Autism Spectrum Disorder, or any other current psychiatric diagnosis.

Note: Both criteria will be ascertained by the use of a standardized checklist. A qualified clinician will oversee the testing procedure and verify (if possible) with clinical experience.

Study design

Design

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

Recruitment

NL	
Recruitment status:	Recruiting
Start date (anticipated):	01-07-2014
Enrollment:	100
Type:	Anticipated

Ethics review

Positive opinion	
Date:	22-07-2014
Application type:	First submission

Study registrations

Followed up by the following (possibly more current) registration

ID: 40217
Bron: ToetsingOnline
Titel:

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

No registrations found.

In other registers

Register	ID
NTR-new	NL4559
NTR-old	NTR4702
CCMO	NL45575.008.13
OMON	NL-OMON40217

Study results