

Virtual reality intervention for anxiety in children with ASD

Submission date 22/04/2015	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
Registration date 23/04/2015	Overall study status Completed	<input type="checkbox"/> Protocol
Last Edited 15/02/2019	Condition category Mental and Behavioural Disorders	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
		<input type="checkbox"/> Individual participant data

Plain English summary of protocol
Not provided at time of registration.

Contact information

Type(s)
Scientific

Contact name
Dr Morag Maskey

Contact details
Newcastle University
Institute of Neuroscience
Sir James Spence
Royal Victoria Infirmary
Queen Victoria Road
Newcastle upon Tyne
United Kingdom
NE1 4LP

Additional identifiers

Protocol serial number
18461

Study information

Scientific Title
Reducing anxiety in children with autism spectrum disorders through virtual reality environments

Study objectives

The aim of this study is to investigate whether a virtual reality environment is effective at treating specific fears/phobias in young people with autism spectrum disorders.

Ethics approval required

Old ethics approval format

Ethics approval(s)

North East - Tyne & Wear South Research Ethics Committee, 15/12/2014, ref: 14/NE/1177

Primary study design

Interventional

Study design

Randomised; Interventional; Design type: Treatment

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Topic: Children, Mental Health; Subtopic: All Diagnoses, Anxiety, Autism spectrum disorders; Disease: Anxiety, Autism spectrum disorders, All Diseases

Interventions

Virtual reality: Computer generated images of the phobia/fear that a child with ASD has. Follow Up Length: 12 month(s); Study Entry : Single Randomisation only

Intervention Type

Other

Primary outcome(s)

Reduction in anxiety and improvement in functional behaviour; Timepoint(s): 2 weeks after intervention, 6 months after intervention and 12 months after intervention

Key secondary outcome(s)

N/A

Completion date

01/03/2016

Eligibility

Key inclusion criteria

1. Children aged 8-14 years old, boys and girls, with a diagnosis of autism, ASD or Asperger's syndrome
 2. Learning ability/IQ estimated to be within the average range
 3. Fluent verbal skills; having situation specific anxiety
 4. Parent/carer and young person willing to attend sessions at the VRE
- Target Gender: Male & Female; Upper Age Limit 14 years ; Lower Age Limit 8 years

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Child

Lower age limit

8 Years

Upper age limit

14 Years

Sex

All

Key exclusion criteria

Children without fluent verbal skills due to the need to have sufficient feedback on the use of the VRE. Children unable/unwilling to travel to the VRE. Insufficient English or intellectual ability to understand the forms.

Date of first enrolment

01/03/2015

Date of final enrolment

01/03/2016

Locations**Countries of recruitment**

United Kingdom

England

Study participating centre**Newcastle University**

Institute of Neuroscience

Sir James Spence

Royal Victoria Infirmary

Queen Victoria Road

Newcastle upon Tyne

United Kingdom

NE1 4LP

Sponsor information

Organisation

Northumberland, Tyne and Wear NHS Foundation Trust

ROR

<https://ror.org/01ajv0n48>

Funder(s)

Funder type

Government

Funder Name

National Institute for Health Research

Alternative Name(s)

National Institute for Health Research, NIHR Research, NIHRresearch, NIHR - National Institute for Health Research, NIHR (The National Institute for Health and Care Research), NIHR

Funding Body Type

Government organisation

Funding Body Subtype

National government

Location

United Kingdom

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	results	01/05/2019		Yes	No
HRA research summary			28/06/2023	No	No