

Evaluating the effectiveness of the Picture Exchange Communication System (PECS) for children with autism

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| Submission date 29/07/2005 | Recruitment status No longer recruiting | <input type="checkbox"/> Prospectively registered |
| Registration date 17/08/2005 | Overall study status Completed | <input type="checkbox"/> Protocol |
| Last Edited 16/09/2009 | 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

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Additional identifiers

Protocol serial number
TGT 4/TGT39

Study information

Scientific Title

Study objectives

Training in PECS will result in significant increases in rate of use of PECS symbols, rate of social initiations, and scores on language tests.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration

Study design

Randomised controlled trial

Primary study design

Interventional

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Autism

Interventions

Intervention: Training children to use the Picture Exchange Communication System (PECS) in schools.

It is a randomized group trial of immediate intervention, versus delayed intervention, versus no intervention (assessment only).

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Increase in use of PECS symbols; increase in rates of social initiations

Key secondary outcome(s)

Increase in scores on tests of language expression and comprehension (Expressive One Word Picture Vocabulary Test, & British Picture Vocabulary Scale)

Completion date

31/12/2005

Eligibility**Key inclusion criteria**

Children meeting diagnostic criteria for autism; aged 5-9 years; enrolled in full-time, specialist education; either no spoken language or expressive language limited to single words; not using PECS beyond Stage 1.

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Child

Lower age limit

5 years

Upper age limit

9 years

Sex

All

Key exclusion criteria

No exclusion criteria with regard to IQ, social class, ethnicity etc.

Date of first enrolment

01/01/2003

Date of final enrolment

31/12/2005

Locations**Countries of recruitment**

United Kingdom

England

Study participating centre

Dept of Community Health Sciences

London

United Kingdom

SW17 0RE

Sponsor information**Organisation**

St George's University of London (UK)

ROR

<https://ror.org/040f08y74>

Funder(s)

Funder type

Charity

Funder Name

Three Guineas Trust (UK)

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 | 01/05/2007 | | Yes | No |