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

Submission date	Recruitment status No longer recruiting	Prospectively registered	
29/07/2005		☐ Protocol	
Registration date	Overall study status	Statistical analysis plan	
17/08/2005	Completed	[X] Results	
Last Edited	Condition category	Individual participant data	
16/09/2009	Mental and Behavioural Disorders		

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

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Contact details

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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 diagnositc 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 beyoind 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