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The effect of using prism adaptation treatment on performance of self care and mobility tasks in patients with unilateral inattention following stroke

Submission date
06/09/2005

Recruitment status
No longer recruiting

Registration date
12/09/2005

Overall study status
Completed

Last Edited
07/10/2009

Condition category
Circulatory System

[_] Prospectively registered
[_] Protocol
[_] Statistical analysis plan
[X] Results
[_] 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
PSYC.RJ4292

Study information

Scientific Title

Acronym
PATMOS

Study objectives
1. Does prism adaptation have an effect on the patients behaviour in daily living tasks?
2. Does prism adaptation have an effect on the patients mobility in the environment?
3. Does prism adaptation differentially affect different domains of space?
4. Are the effects of the treatment long lasting (in this case evident after 8 weeks)?
5. What sample size is required and which measures should be included in a definitive randomised controlled trial?

Ethics approval required
Old ethics approval format

Ethics approval(s)
Not provided at time of registration

Study design
Randomised placebo controlled parallel group trial

Primary study design
Interventional

Study type(s)
Treatment

Health condition(s) or problem(s) studied
Stroke

Interventions
Experimental intervention: Pointing training with prism goggles that shift field of view 10 degrees to the right, once a day, Monday to Friday for 2 weeks.
Control intervention: pointing training with goggles containing clear flat glass, once a day, Monday to Friday for 2 weeks.

Intervention Type
Other

Phase
Not Specified

Primary outcome(s)
Score of selfcare on Catherine Bergego Scale at 3 days after end of intervention

Key secondary outcome(s))
1. Behavioural inattention test
2. Corridor navigation (distance from wall)

3. Motricity index
4. Sensory Assessment
5. Barthel Index

Completion date
31/08/2006

Eligibility

Key inclusion criteria
1. Right hemisphere damaged stroke patients who are judged by their Occupational Therapists to be having difficulty with self-care as a result of unilateral inattention.
2. Scoring below cut off on Star Cancellation and Line Bisection tests from the Behavioural Inattention Test.
3. Able to sit and point with the unaffected hand.

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Adult

Sex
All

Key exclusion criteria
Patients judged unable to follow instructions for the study procedures

Date of first enrolment
01/12/2004

Date of final enrolment
31/08/2006

Locations

Countries of recruitment
United Kingdom

England

Study participating centre

University of Bristol
Bristol
United Kingdom
BS8 1TN

Sponsor information

Organisation
University of Bristol (UK)

ROR
https://ror.org/0524sp257

Funder(s)

Funder type
Charity

Funder Name
The Stroke Association (UK) (ref: TSA 2004/01)

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	01/04/2010		Yes	No