

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

<b>Submission date</b> 06/09/2005	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
<b>Registration date</b> 12/09/2005	<b>Overall study status</b> Completed	<input type="checkbox"/> Protocol
<b>Last Edited</b> 07/10/2009	<b>Condition category</b> Circulatory System	<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

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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?
<a href="#">Results article</a>	results	01/04/2010		Yes	No