

The use of virtual reality in neurorehabilitation

Submission date 12/09/2003	Recruitment status No longer recruiting	☐ Prospectively registered
Registration date 12/09/2003	Overall study status Completed	☐ Protocol
Last Edited 11/02/2013	Condition category Mental and Behavioural Disorders	☐ Statistical analysis plan
		☒ 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

N0024053961

Study information

Scientific Title

Study objectives

We are currently developing a virtual reality of the Regional Neurological Rehabilitation Unit which can be used for cognitive retraining purposes. Areas which are being reconsidered for retraining are memory, in particular topographical memory, and executive functions. The aims of the project are to investigate the clinical utility of VR with a brain damaged population and to evaluate whether VR shows better generalisation of skills than traditional methods of cognitive retraining using computers.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration

Primary study design

Interventional

Study design

Randomised controlled trial

Study type(s)

Health condition(s) or problem(s) studied

Memory disturbance

Interventions

Randomised controlled trial:

1. Virtual reality treatment
2. Standard care

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

1. Measurement of clinical outcome within clinical service
2. Development of systems to measure clinical outcome within clinical service
3. Development of new clinical guidelines

Key secondary outcome(s)

Not provided at time of registration

Completion date

28/02/2005

Eligibility

Key inclusion criteria

30 stroke patients

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Key exclusion criteria

Does not match inclusion criteria

Date of first enrolment

01/03/1995

Date of final enrolment

28/02/2005

Locations

Countries of recruitment

United Kingdom

England

Study participating centre

Regional Neurorehabilitation Unit

London

United Kingdom

E9 6SR

Sponsor information

Organisation

Department of Health (UK)

Funder(s)

Funder type

Charity

Funder Name

Homerton University Hospital NHS Trust (UK) (NHS R&D Support Funding)

Funder Name

Stroke Association (UK)

Alternative Name(s)

TheStrokeAssociation, TheStrokeAssoc

Funding Body Type

Private sector organisation

Funding Body Subtype

Associations and societies (private and public)

Location

United Kingdom

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary**Study outputs**

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	results	01/12/1999		Yes	No