The use of virtual reality in neurorehabilitation

Submission date Prospectively registered Recruitment status 12/09/2003 No longer recruiting [] Protocol [] Statistical analysis plan Registration date Overall study status 12/09/2003 Completed [X] Results [] Individual participant data Last Edited Condition category 11/02/2013 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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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

Study design

Randomised controlled trial

Primary study design

Interventional

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