Upper limb rehabilitation for chronic stroke patients: integrating motor control and learning concepts

Submission date	Recruitment status	Prospectively registered
12/09/2003	No longer recruiting	Protocol
Registration date	Overall study status	Statistical analysis plan
12/09/2003	Completed	Results
Last Edited	Condition category	Individual participant data
27/01/2016	Circulatory System	[] Record updated in last year

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

Ms Frederike van Wijck

Contact details

School of Health Sciences
Queen Margaret University College
Leith Campus
Duke Street
Edinburgh
United Kingdom
EH6 8HF

Additional identifiers

Protocol serial number N0165121638

Study information

Scientific Title

Upper limb rehabilitation for chronic stroke patients: integrating motor control and learning concepts

Study objectives

- 1. Is the use of botulinum toxin and physiotherapy in patients with a stroke more effective than botulinum toxin alone?
- 2. Which of two different forms of physiotherapy are more effective motor learning with and without visual information.

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

Cardiovascular: Stroke

Interventions

All patients will receive botulinum toxin as usual. This is a randomised, single-blind, placebo controlled study. Patients will be randomised to receiving placebo (upper limb splint), or one of two types of motor learning.

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Activities of daily life; Quality of Life measure; Action research arm test; Fugl-Meyer and other similar measures.

Key secondary outcome(s))

Not provided at time of registration

Completion date

30/09/2004

Eligibility

Key inclusion criteria

A minimum of 26 patients post stroke. This will include males and females. All patients will be 20-80 years and there will be a mixture of inpatients and outpatients.

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Other

Sex

All

Key exclusion criteria

Not provided at time of registration

Date of first enrolment

01/09/2001

Date of final enrolment

30/09/2004

Locations

Countries of recruitment

United Kingdom

Scotland

Study participating centre Queen Margaret University College Edinburgh United Kingdom

EH6 8HF

Sponsor information

Organisation

Department of Health (UK)

Funder(s)

Funder type

Hospital/treatment centre

Funder Name

Northgate and Prudhoe NHS 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 Date created Date added Peer reviewed? Patient-facing? Details Participant information sheet 11/11/2025 No Yes