

Rehabilitation of arm function

Submission date 23/01/2004	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
Registration date 23/01/2004	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
Last Edited 21/12/2009	Condition category Circulatory System	<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

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

MS41

Study information

Scientific Title

Study objectives

After suffering a stroke most patients have problems using the affected arm and hand, but achieve varying degrees of recovery over the ensuing months. Most patients receive routine physiotherapy.

The aim of this study was to investigate the use of more intensive physiotherapy to see if this improved arm and hand function.

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

Secondary study design

Randomised controlled trial

Study setting(s)

Hospital

Study type(s)

Treatment

Participant information sheet**Health condition(s) or problem(s) studied**

Stroke rehabilitation

Interventions

Participants were allocated to one of three treatment groups

1. Routine physiotherapy (RPT)
2. Qualified physiotherapist (QPT)
3. Assistant physiotherapist (APT)

The patients in the last group were assessed initially by a qualified physiotherapist who then supervised the treatment of each patient by the assistant weekly. Routine physiotherapy involved about 2-3 hours a week for all disabilities, while patients in the other two groups received 2 hours of additional treatment for their arm each week for 5 weeks (ten hours in total).

Intervention Type

Other

Phase

Not Applicable

Primary outcome measure

The principal measures used at five weeks:

1. Rivermead Motor Assessment Arm Scale
2. Action Research Arm Test.

Secondary outcome measures

Other tests measured

1. dexterity
2. grip
3. motor function
4. self- care
5. other daily living abilities

The later assessments comprised four of these tests.

Outcomes were assessed after five weeks, three months, and six months.

Overall study start date

01/10/1994

Completion date

01/04/1998

Eligibility**Key inclusion criteria**

Patients with admitted to Nottingham City Hospital following a stroke were entered in the study between one and five weeks later, after giving consent. All patients had normal arm function prior to the stroke, and were assessed as able to accept the physiotherapy programme.

Participant type(s)

Patient

Age group

Not Specified

Sex

Not Specified

Target number of participants

282 (Added 19/11/09)

Key exclusion criteria

Does not match inclusion criteria

Date of first enrolment

01/10/1994

Date of final enrolment

01/04/1998

Locations

Countries of recruitment

England

United Kingdom

Study participating centre

School of Psychology

Nottingham

United Kingdom

NG7 2RP

Sponsor information

Organisation

Record Provided by the NHS R&D 'Time-Limited' National Programme Register - Department of Health (UK)

Sponsor details

The Department of Health

Richmond House

79 Whitehall

London

United Kingdom

SW1A 2NL

Sponsor type

Government

Website

<http://www.doh.gov.uk>

Funder(s)

Funder type

Government

Funder Name

NHS Cardiovascular Disease and Stroke National Research and Development Programme (UK)

Results and Publications

Publication and dissemination plan
Not provided at time of registration

Intention to publish date

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	01/03/1999		Yes	No
Results article	results on analysis of arm impairment severity	01/06/1999		Yes	No