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Dressing Rehabilitation Evaluation Stroke Study

Submission date	Recruitment status	[_] Prospectively registered
29/04/2010	No longer recruiting	[_] Protocol
Registration date	**Overall study status**	[_] Statistical analysis plan
29/04/2010	Completed	[X] Results
Last Edited	**Condition category**	[_] Individual participant data
17/12/2012	Circulatory System	

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers
3918

Study information

Scientific Title

A neuropsychological approach to dressing versus the conventional approach (commonly used by occupational therapists in the UK in patients after stroke

Acronym
DRESS

Study objectives
The ability to dress oneself is often taken for granted by the able bodied, yet this intimate task remains a problem for 36% of stroke patients who still cant dress independently at one year after the onset of stroke.

Although a simple problem solving approach to dressing problems has been demonstrated to be effective, it is known that therapists are still unaware of the best methods to teach patients to overcome their dressing problems if they have accompanying cognitive difficulties.

In the DRESS study our aim is to conduct a two part study. The first part will develop a definitive treatment manual for the cognitive impairments most commonly affecting dressing performance. The second part will be a feasibility randomised controlled trial. This trial will compare a neuropsychological approach (n = 35) to dressing, with the conventional approach (n = 35) commonly used by occupational therapists in the UK.

Ethics approval required
Old ethics approval format

Ethics approval(s)
Nottingham Research Ethics Committee 1 approved on the 13th November 2007 (ref: 07/H0403 /130)

Study design
Randomised interventional process of care and treatment trial

Primary study design
Interventional

Secondary study design
Randomised controlled trial

Study setting(s)
GP practice

Study type(s)
Treatment

Participant information sheet
Not available in web format, please use the contact details below to request a patient information sheet

Health condition(s) or problem(s) studied
Topic: Stroke Research Network; Subtopic: Rehabilitation; Disease: Community study

Interventions
Patients are randomised to one of two treatment groups:
Group 1: Routine care which involves the provision of standard dressing practice as given by occupational therapists in the UK
Group 2: neuropsychological intervention dressing practice as prescribed by a newly compiled manual.

Both interventions are described in 2 study treatment manuals. Treatment for both groups is assigned 3 x per week for 6 weeks duration.

Intervention Type
Other

Phase
Phase II

Primary outcome measure
Dressing ability as assessed on the Nottingham Stroke Dressing Assessment (NDSA), collected at baseline and outcome (8 weeks after randomisation)

Secondary outcome measures
Measured 8 weeks after randomisation:
1. NSDA
2. Line cancellation
3. Gesture imitation
4. 10 hole peg test
5. Object decision

Overall study start date
01/03/2008

Completion date
30/11/2009

Eligibility

Key inclusion criteria
Patients (aged over 18 years, either sex) will be included if they are impaired on one or more items in a brief cognitive screening test:
1. Line cancellation
2. 10-hole peg test with non-paretic hand
3. Object decision
4. Gesture imitation
5. Unable to dress after two weeks of conventional rehabilitation

Participant type(s)
Patient

Age group
Adult

Lower age limit
18 Years

Sex
Both

Target number of participants
Planned Sample Size: 70; UK Sample Size: 70

Key exclusion criteria
1. Inability to tolerate sitting in a chair for 15 minutes
2. Pre-morbid disability (Rankin greater than 3)
3. Known diagnosis of depression or dementia

Date of first enrolment
01/03/2008

Date of final enrolment
30/11/2009

Locations

Countries of recruitment
England

United Kingdom

Study participating centre
Division of Rehabilitation and Ageing
Nottingham
United Kingdom
NG7 2UH

Sponsor information

Organisation
University of Nottingham (UK)

Sponsor details
Research Innovation Services
Kings Meadow Campus
Lenton Lane
Nottingham

England
United Kingdom
NG7 2NR

Sponsor type
University/education

Website
http://www.nottingham.ac.uk/ris/

ROR
https://ror.org/01ee9ar58

Funder(s)

Funder type
Charity

Funder Name
The Stroke Association (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	01/08/2012		Yes	No