

Dressing Rehabilitation Evaluation Stroke Study

Submission date 29/04/2010	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
Registration date 29/04/2010	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
Last Edited 17/12/2012	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

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Additional identifiers

Protocol serial number
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

Study type(s)

Treatment

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(s)

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

Key secondary outcome(s)

Measured 8 weeks after randomisation:

1. NSDA
2. Line cancellation
3. Gesture imitation
4. 10 hole peg test
5. Object decision

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

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

18 years

Sex

All

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

United Kingdom

England

Study participating centre

Division of Rehabilitation and Ageing

Nottingham

United Kingdom

NG7 2UH

Sponsor information

Organisation

University of Nottingham (UK)

ROR

<https://ror.org/01ee9ar58>

Funder(s)

Funder type

Charity

Funder Name

The Stroke Association (UK)

Results and Publications

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
Participant information sheet	Participant information sheet	11/11/2025	11/11/2025	No	Yes