

# Outreach management of people with chronic neurological disability.

<b>Submission date</b> 23/01/2004	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
		<input type="checkbox"/> Protocol
<b>Registration date</b> 23/01/2004	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
<b>Last Edited</b> 17/09/2012	<b>Condition category</b> Nervous System Diseases	<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

**EudraCT/CTIS number**

**IRAS number**

**ClinicalTrials.gov number**

**Secondary identifying numbers**  
NYRHA WJML r135/05292

# Study information

## Scientific Title

### Study objectives

A properly trained outreach nurse practitioner can provide a service that is as good as or better than that provided at a hospital outpatient clinic for people with chronic neurological disability. The pilot population that is to be used to test this hypothesis is individuals with Parkinson's disease and dystonia attending Hunters Moor Regional Rehabilitation Centre in Newcastle upon Tyne. All patients attending the movement disorder clinic at Hunters Moor will be eligible for participation in the study.

We anticipate the hypothesis will be proven and that a properly trained nurse practitioner is able to provide a more satisfactory support service for people with the pilot condition both from the patients and general practitioners perspectives. If the hypothesis is proven the project will benefit the NHS as the patient will not need to make unnecessary journeys to hospital, the primary care team will be involved more effectively in the management of the individual, the specialist will see individuals at the time when such referral is required and the purchaser should get better value for money.

### 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

Parkinson's disease

### Interventions

After informed consent patients will be randomly divided into two groups with approximately 75 individuals in each group.

## 1. Standard attendance of outpatients

This group will continue to attend regular outpatient assessment at Hunters Moor as previously.

## 2. Visited at home by an outreach nurse practitioner

This group will not attend outpatients but will be visited at home by an outreach nurse practitioner. The group will have regular access to the nurse practitioner who will act a primary contact point for the disabled person and the family. The nurse practitioner will be responsible for liaison with the general practitioner and primary care team and for referral to the hospital consultant and members of the multi-disciplinary rehabilitation team as necessary. The consultant and multi-disciplinary team members will be able to assess the client and carer either at home or in the hospital. The nurse practitioner, within agreed protocols, would advise the patient on adjusting drug dosages and be responsible for the administration of botulinum toxin injections for individuals with dystonia.

The practitioner will provide educational material, advice and ongoing support for the patient and carer.

## Intervention Type

Other

## Phase

Not Specified

## Primary outcome measure

The effectiveness of this model of care will be assessed by a number of means including

1. Assessment of disability status measured by a number of appropriate scales
  - 1.1. general practitioner and primary care team satisfaction questionnaires
  - 1.2. comparison of attendances at hospital and general practitioner
  - 1.3. record of complications
  - 1.4. record of drug and other medical management employed during the study period
2. Satisfaction questionnaires will be administered to the patient and carer and their psychological status will also be measured using the General Health Questionnaire.
3. A brief questionnaire will be designed that records the extent and level of knowledge and understanding of the disease and associated disabilities. This questionnaire will be administered to the client and carer.
4. An economic analysis will also be undertaken of the costs involved in both arms of the study.

## Secondary outcome measures

Not provided at time of registration

## Overall study start date

08/01/1995

## Completion date

31/07/1997

# Eligibility

## Key inclusion criteria

1. Patients attending the movement disorder clinic at Hunters Moor
2. Being treated for Parkinson's and dystonia
3. Informed consent

**Participant type(s)**

Patient

**Age group**

Not Specified

**Sex**

Not Specified

**Target number of participants**

Not provided at time of registration

**Key exclusion criteria**

Does not match inclusion criteria

**Date of first enrolment**

08/01/1995

**Date of final enrolment**

31/07/1997

## Locations

**Countries of recruitment**

England

United Kingdom

**Study participating centre**

Newcastle City Health NHS Trust

Newcastle upon Tyne

United Kingdom

NE2 4NR

## Sponsor information

**Organisation**

NHS R&D Regional Programme Register - Department of Health (UK)

**Sponsor details**

The Department of Health

Richmond House

79 Whitehall

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**Sponsor type**  
Government

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

## Funder(s)

**Funder type**  
Government

**Funder Name**  
NHS Executive Northern and Yorkshire (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?
<a href="#">Results article</a>	results	01/04/2001		Yes	No