

Outreach management of people with chronic neurological disability.

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 17/09/2012	Condition category 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

Contact name
Dr Michael Barnes

Contact details
Newcastle City Health NHS Trust
Hunters Moor Rehabilitation Centre
Hunters Road
Newcastle upon Tyne
United Kingdom
NE2 4NR
+44 (0)191 261 0895
m.p.barnes@ncl.ac.uk

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

London

United Kingdom
SW1A 2NL
+44 (0)20 7307 2622
dhmail@doh.gsi.org.uk

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?
Results article	results	01/04/2001		Yes	No