

Effectiveness of a home-based intervention in increasing level of compliance, and cardiac self-efficacy, and reducing anxiety and depression amongst first-time myocardial infarction (MI) and coronary artery bypass graft (CABG) patients in the first 6 weeks.

Submission date 23/01/2004	Recruitment status No longer recruiting	☐ Prospectively registered ☐ Protocol
Registration date 23/01/2004	Overall study status Completed	☐ Statistical analysis plan ☐ Results
Last Edited 11/06/2014	Condition category Circulatory System	☐ Individual participant data ☐ Record updated in last year

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
RRCC744F DRIVER

Study information

Scientific Title

Study objectives

Does a time structured series of home-based interventions to recently discharged first-time MI and CABG patients, which focus on the encouragement of lifestyle changes related to diet, stress and exercise, have the effect of: raising the patients' level of compliance with the formal cardiac rehabilitation course; raising their self-efficacy for cardiac-related lifestyle change; and reducing the patients' level of anxiety and depression. The study also asks if there are any relationships between these factors, and how they might vary between the MI and CABG groups. The qualitative dimension of the study seeks to explore questions related to the experience of these patients in the immediate post-discharge period, particularly in relation to adjustment within the context of their specific socio-cultural environment.

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

Study type(s)

Not Specified

Health condition(s) or problem(s) studied

Cardiovascular diseases: Heart disease

Interventions

1. The experimental groups will receive a home-based intervention based on the South Tees Cardiac Rehabilitation document 'A Helping Hand to Heart Recovery', which focuses on lifestyle issues such as diet, exercise and stress management. This intervention will be built around three home visits to the patients in the experimental group at 1, 3 and 6 weeks post-discharge.
2. The control group will receive usual treatment.

Intervention Type

Other

Phase

Not Applicable

Primary outcome(s)

Compliance with the formal 7-week cardiac rehabilitation course which takes place at 6 -8 weeks post discharge

1. Self-efficacy scores at 1 week and 8 weeks post discharge
2. Anxiety scores at 1 and 8 weeks post discharge
3. Depression scores at 1 and 8 weeks post discharge
4. Descriptive data generated from qualitative interviews which focus on adjustment and lifestyle change

Key secondary outcome(s))

Not provided at time of registration

Completion date

10/01/2001

Eligibility

Key inclusion criteria

Recently discharged first-time MI and CABG patients who are English speaking with no identifiable history of psychiatric illness

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Not Specified

Key exclusion criteria

Not provided at time of registration

Date of first enrolment

10/01/1999

Date of final enrolment

10/01/2001

Locations

Countries of recruitment

United Kingdom

Study participating centre

Tees and North East Yorkshire NHS Trust
Middlesbrough
United Kingdom
TS26 OPT

Sponsor information

Organisation

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

Funder(s)

Funder type

Government

Funder Name

NHS Executive Northern and Yorkshire (UK)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration