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SALT STUDY: Effect of varying sodium intake and activity on plasma concentrations of N-Terminal BNP in normal subjects and patients with prior Q-wave myocardial infarction (MI)

Submission date
30/09/2005

Recruitment status
Stopped

Registration date
30/09/2005

Overall study status
Stopped

Last Edited
19/07/2013

Condition category
Nutritional, Metabolic, Endocrine

[ ] Prospectively registered
[ ] Protocol
[ ] Statistical analysis plan
[ ] Results
[ ] 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
N0084160159

Study information

Scientific Title

Acronym
SALT STUDY

Study objectives
To determine the effects of altering dietary sodium intake or daily physical activity on plasma concentrations of N-Terminal BNP in normal subjects and patients who have had a prior Q-wave MI.

Ethics approval required
Old ethics approval format

Ethics approval(s)
Not provided at time of registration

Primary study design
Interventional

Study design
Randomised controlled trial

Study type(s)
Quality of life

Health condition(s) or problem(s) studied
Sodium intake

Interventions
The results of this trial will be used to inform clinical decision making based on NT_BNP results. Other areas involved: Cardiology, Nuclear Medicine Department.

The study is an open-label, randomised trial comparing the effects of varying dietary sodium and level of daily activity in 30 normal subjects patients recruited from General Practice and 30 patients with prior Q-wave myocardial infraction at the Nuclear Medicine Department at Hull Royal Infirmary.

Intervention Type
Other

Phase
Not Applicable

Primary outcome(s)
Brain Natriuretic Peptides (BNP)

Key secondary outcome(s)
Not provided at time of registration

Completion date
09/04/2007

Reason abandoned (if study stopped)
Lack of staff/facilities/resources

Eligibility

Key inclusion criteria
1. 30 normal subjects over 60 years old
2. 30 mobile patients over 60 years old who have had a Q-wave MI and left ventricular ejection fraction (LVEF) less than 45%

Resources/Patient:
1. Electrocardiogram (ECG)
2. Echocardiography
3. Treadmill exercise with VO2 measurement for each patient

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Senior

Sex
All

Key exclusion criteria
1. No angina
2. No heart failure
3. Not receiving diuretics
4. No renal impairment

Date of first enrolment
09/02/2005

Date of final enrolment
09/04/2007

Locations

Countries of recruitment
United Kingdom

England

Study participating centre
Academic Cardiology Department
Hull
United Kingdom
HU16 5JQ

Sponsor information

Organisation
Department of Health

Funder(s)

Funder type
Government

Funder Name
The North and South Bank Research and Development Consortium (UK)

Funder Name
NHS R&D Support Funding (UK)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration