Single centre randomised controlled trial (RCT) of a chest pain observation unit versus routine care

Submission date	Recruitment status No longer recruiting	Prospectively registered		
23/01/2004		☐ Protocol		
Registration date	Overall study status	Statistical analysis plan		
23/01/2004	Completed	[X] Results		
Last Edited 22/02/2008	Condition category Circulatory System	[] Individual participant data		

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

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Contact details

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Additional identifiers

Protocol serial number RBP 00XX4

Study information

Scientific Title

Acronym

ESCAPE

Study objectives

To measure the effect of availability of a Chest Pain Observation Unit upon outcome of patients attending with chest pain and measure the cost-effectiveness of a Chest Pain Observation Unit in a UK hospital.

Ethics approval required

Old ethics approval format

Ethics approval(s)

The study protocol was approved by the North Sheffield Research Ethics Committee.

Study design

Randomised controlled trial

Primary study design

Interventional

Study type(s)

Quality of life

Health condition(s) or problem(s) studied

Cardiovascular diseases: Heart disease

Interventions

- 1. Chest pain observation unit
- 2. Standard care

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Proportion of cases of myocardial infarction (MI) inappropriately sent home by 72 hours after attendance.

Key secondary outcome(s))

- 1. Quality of life, health and patients satisfaction at one month
- 2. Hospital reattendance rates and adverse cardiac event rates at one year and hospital resource usage over one year
- 3. Quality of life questionnaire (36-item short form health survey [SF-36]) anxiety/depression scales (Hospital anxiety and depression scale [HADS]) and health utility scale (EQ-5D)

Completion date

31/01/2002

Eligibility

Key inclusion criteria

900 patients attending accident and emergency with a primary complaint of chest pain between 7.00am and 7.00pm.

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Not Specified

Key exclusion criteria

- 1. Electrocardiogram (ECG) abnormality
- 2. Unstable angina
- 3. Co-morbidity
- 4. Less than 25 years
- 5. Unable to consent

Date of first enrolment

05/02/2001

Date of final enrolment

31/01/2002

Locations

Countries of recruitment

United Kingdom

England

Study participating centre Medical Care Research Unit

Sheffield United Kingdom S1 4DA

Sponsor information

Organisation

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

Funder(s)

Funder type

Government

Funder Name

NHS Executive Trent (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	29/07/2004		Yes	No