

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

<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> 22/02/2008	<b>Condition category</b> Circulatory System	<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 Steve Goodacre

**Contact details**  
Medical Care Research Unit  
School of Health and Related Research  
University of Sheffield  
Regent Court  
30 Regent Street  
Sheffield  
United Kingdom  
S1 4DA  
+44 (0)114 222 0842  
[s.goodacre@sheffield.ac.uk](mailto:s.goodacre@sheffield.ac.uk)

## Additional identifiers

**EudraCT/CTIS number**

**IRAS number**

**ClinicalTrials.gov number**

## Secondary identifying numbers

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

## Secondary study design

Randomised controlled trial

## Study setting(s)

Hospital

## Study type(s)

Quality of life

## Participant information sheet

## 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 measure**

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

**Secondary outcome measures**

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)

**Overall study start date**

05/02/2001

**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

**Age group**

Not Specified

**Sex**

Not Specified

**Target number of participants**

900

**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

England

United Kingdom

## 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)

## 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 Trent (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	29/07/2004		Yes	No