Which method of pain relief is most effective for chest drain removal in postoperative cardiac patients?

Submission date	Recruitment status No longer recruiting	Prospectively registered		
12/09/2003		Protocol		
Registration date	Overall study status	Statistical analysis plan		
12/09/2003	Completed	[X] Results		
Last Edited 17/12/2008	Condition category Signs and Symptoms	[] Individual participant data		
1//12/2000	Signs and Symptoms			

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 N0054119937

Study information

Scientific Title

Study objectives

Which of the currently available methods (entonox, intravenous morphine, subcutaneous bupivacaine) used for the control of analgesia during chest drain removal is most effective?

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

Signs and Symptoms: Pain

Interventions

Patients randomised to 50% entonox, 100 mcg/kg morphine and 0.5% bupivacaine.

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

1. Pain scores after chest drain removal assessed by the short form McGill questionnaire 2. Effect of anaesthetic agent on length of intensive care unit stay

Key secondary outcome(s))

Not provided at time of registration

Completion date

15/07/2003

Eligibility

Key inclusion criteria

66 patients receiving chest drain removal following major cardiac surgery.

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

15/07/2002

Date of final enrolment

15/07/2003

Locations

Countries of recruitment

United Kingdom

England

Study participating centre Department of Anaesthesia

Liverpool United Kingdom L14 3PE

Sponsor information

Organisation

Department of Health (UK)

Funder(s)

Funder type

Government

Funder Name

The Cardiothoracic Centre Liverpool NHS Trust (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	01/01/2005		Yes	No