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

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

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

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

Secondary study design
Randomised controlled trial

Study setting(s)
Not specified

Study type(s)
Not Specified

Participant information sheet

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 measure
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

Secondary outcome measures
Not provided at time of registration

Overall study start date
15/07/2002

Completion date
15/07/2003

Eligibility

Key inclusion criteria
66 patients receiving chest drain removal following major cardiac surgery.

Participant type(s)
Patient

Age group
Not Specified

Sex
Not Specified

Target number of participants
66

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
England

United Kingdom

Study participating centre
Department of Anaesthesia
Liverpool
United Kingdom
L14 3PE

Sponsor information

Organisation
Department of Health (UK)

Sponsor details
Richmond House
79 Whitehall
London
United Kingdom
SW1A 2NL

Sponsor type
Government

Website
http://www.doh.gov.uk

Funder(s)

Funder type
Government

Funder Name
The Cardiothoracic Centre Liverpool NHS Trust (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?
Results article	results	01/01/2005		Yes	No