ISRCTN36538293 https://doi.org/10.1186/ISRCTN36538293

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

Registration date
12/09/2003

Overall study status
Completed

Last Edited
17/12/2008

Condition category
Signs and Symptoms

[ ] Prospectively registered
[ ] Protocol
[ ] Statistical analysis plan
[X] Results
[ ] Individual participant data

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
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

Primary study design
Interventional

Study design
Randomised controlled trial

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