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Alveolar Recruitment on Intensive Care Improves Arterial Oxygenation After Cardiopulmonary Bypass

Submission date 30/09/2005	**Recruitment status** No longer recruiting	[_] Prospectively registered [_] Protocol [_] Statistical analysis plan [X] Results [_] Individual participant data
Registration date 30/09/2005	**Overall study status** Completed	
Last Edited 26/02/2020	**Condition category** Surgery	

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
N0436146556

Study information

Scientific Title
Alveolar Recruitment on Intensive Care Improves Arterial Oxygenation After Cardiopulmonary Bypass

Study objectives
Using alveolar recruitment strategies in the immediate post operative period following cardiopulmonary bypass improves lung function as displayed by an increase in arterial oxygenation. This may therefore reduce post operative complications. i.e pneumonia and reduce time sedated on intensive care.

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)
Hospital

Study type(s)
Treatment

Participant information sheet

Health condition(s) or problem(s) studied
Cardiopulmonary bypass surgery

Interventions
Randomised controlled trial

Intervention Type
Procedure/Surgery

Phase
Not Specified

Primary outcome measure
To increase arterial oxygenation

Secondary outcome measures
Not provided at time of registration

Overall study start date
01/12/2003

Completion date
01/06/2004

Eligibility

Key inclusion criteria
Elective coronary artery bypass and uncomplicated aortic root surgery through a median sternotomy

Participant type(s)
Patient

Age group
Not Specified

Sex
Not Specified

Target number of participants
28 patients in each arm of the study

Total final enrolment
78

Key exclusion criteria
Patient refusal, pre-existing lung disease, mitral valve disease, known pulmonary hypertension, chronic renal failure, morbid obesity or emergency surgery.

Date of first enrolment
01/12/2003

Date of final enrolment
01/06/2004

Locations

Countries of recruitment
England

United Kingdom

Study participating centre
Anaesthetic Dept
Leeds
United Kingdom
LS1 3EX

Sponsor information

Organisation
Department of Health

Sponsor details
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.dh.gov.uk/Home/fs/en

Funder(s)

Funder type
Government

Funder Name
Leeds Teaching Hospitals NHS Trust (UK)

Funder Name
NHS R&D Support Funding

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	01/02/2003		Yes	No