

Alveolar Recruitment on Intensive Care Improves Arterial Oxygenation After Cardiopulmonary Bypass

Submission date 30/09/2005	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
Registration date 30/09/2005	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
Last Edited 26/02/2020	Condition category Surgery	<input type="checkbox"/> 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

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

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Cardiopulmonary bypass surgery

Interventions

Randomised controlled trial

Intervention Type

Procedure/Surgery

Phase

Not Specified

Primary outcome(s)

To increase arterial oxygenation

Key secondary outcome(s)

Not provided at time of registration

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

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Not Specified

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

United Kingdom

England

Study participating centre

Anaesthetic Dept

Leeds

United Kingdom

LS1 3EX

Sponsor information

Organisation

Department of Health

Funder(s)

Funder type

Government

Funder Name

Leeds Teaching Hospitals NHS Trust (UK)

Funder Name

NHS R&D Support Funding

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	01/02/2003		Yes	No