ISRCTN28341511 https://doi.org/10.1186/ISRCTN28341511

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

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

Primary study design
Interventional

Study design
Randomised controlled trial

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