

# Alveolar Recruitment on Intensive Care Improves Arterial Oxygenation After Cardiopulmonary Bypass

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

## Plain English summary of protocol

Not provided at time of registration

## Contact information

### Type(s)

Scientific

### Contact name

Dr NGPB Batchelor

### Contact details

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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**

## 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?
<a href="#">Results article</a>	results	01/02/2003		Yes	No