

# Optimal timing for Angiotensin Converting Enzyme (ACE) Inhibitor discontinuation in patients undergoing cardiac surgery on cardiopulmonary bypass.

<b>Submission date</b> 30/09/2004	<b>Recruitment status</b> Stopped	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
<b>Registration date</b> 30/09/2004	<b>Overall study status</b> Stopped	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
<b>Last Edited</b> 29/08/2012	<b>Condition category</b> Surgery	<input type="checkbox"/> Individual participant data <input type="checkbox"/> Record updated in last year

**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**

N0436130524

## **Study information**

**Scientific Title**

**Study objectives**

There is some evidence that the continuation of ACE inhibitors until the time of surgery may lead to increased requirements of vasoconstrictor agents to maintain blood pressure. We aim to investigate this suggestion.

**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**

Surgery: Cardiovascular

**Interventions**

Patients will be randomised to discontinuing their ACE inhibitor 7 days preoperatively or continuing the medication until the morning of operation.

29/08/2012: Please note that this trial was abandoned before starting.

**Intervention Type**

Drug

**Phase**

Not Specified

**Drug/device/biological/vaccine name(s)**

Angiotensin Converting Enzyme (ACE) Inhibitor

**Primary outcome measure**

Primary outcome measures are those relating to the presence and treatment of perioperative and postoperative hypotension. Systemic vascular resistance will be measured via Swan-Ganz catheterisation preoperatively and at fixed intervals in the postoperative period. In addition the requirement of vasoconstrictor agents as well as the duration of their use and the total dose administered will be documented.

**Secondary outcome measures**

Not provided at time of registration

**Overall study start date**

01/06/2003

**Completion date**

01/02/2006

**Eligibility****Key inclusion criteria**

Patients undergoing elective first time coronary artery surgery on the ACE inhibitor Ramipril will be eligible for the study.

**Participant type(s)**

Patient

**Age group**

Not Specified

**Sex**

Not Specified

**Target number of participants**

Not provided at time of registration

**Key exclusion criteria**

Exclusion criteria are redo procedures and poor left ventricular function (Ejection Fraction <30%).

**Date of first enrolment**

01/06/2003

**Date of final enrolment**

01/02/2006

# Locations

## Countries of recruitment

England

United Kingdom

## Study participating centre

Department of Cardiothoracic Surgery

Leeds

United Kingdom

LS1 3EX

# Sponsor information

## Organisation

Department of Health

## Sponsor details

Richmond House

79 Whitehall

London

United Kingdom

SW1A 2NL

## 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)

# 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