ISRCTN62049497 https://doi.org/10.1186/ISRCTN62049497

# Evaluation of equivalent effective dose of ephedrine and phenylephrine in prevention of hypotension after spinal anaesthesia for caesarean section

**Submission date**
30/09/2004

**Recruitment status**
No longer recruiting

**Registration date**
30/09/2004

**Overall study status**
Completed

**Last Edited**
17/11/2010

**Condition category**
Pregnancy and Childbirth

[_] Prospectively registered
[_] Protocol
[_] Statistical analysis plan
[X] Results
[_] Individual participant data

**Plain English summary of protocol**
Not provided at time of registration

## Contact information

**Type(s)**
Scientific

**Contact name**
Dr S Saravanan

**Contact details**
Obstetric Anaesthesia Office
Gledhow Wing
Leeds Teaching Hospitals NHS Trust
Beckett Street
Leeds
United Kingdom
LS9 7TF
+44 (0)113 243 3144
r&d@leedsth.nhs.uk

## Additional identifiers

**EudraCT/CTIS number**

**IRAS number**

### ClinicalTrials.gov number

### Secondary identifying numbers
N0436130343

# Study information

### Scientific Title

### Study objectives
The aim of this study is to determine whether ephedrine or phenylephrine or a combination provides the best prophylactic for prevention of hypotension after spinal anaesthesia

### 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)
Not specified

### Study type(s)
Not Specified

### Participant information sheet

### Health condition(s) or problem(s) studied
Pregnancy and Childbirth: Anaesthesia

### Interventions
Randomised controlled trial to determine whether ephedrine or phenylephrine or a combination provides the best prophylactic for prevention of hypotension after spinal anaesthesia.

### Intervention Type
Other

### Phase
Not Specified

### Primary outcome measure
Efficacy in preventing cardiovascular instability
Uterine arterial blood gas analysis
Incidence of nausea and vomiting under anaesthetic

### Secondary outcome measures
Not provided at time of registration

### Overall study start date
01/01/2003

### Completion date
01/07/2003

## Eligibility

### Key inclusion criteria
Women who have completed 36 weeks of normal pregnancy, fit and well normally and who are planned to have an elective caesarean section under spinal anaesthesia will be recruited

### Participant type(s)
Patient

### Age group
Adult

### Sex
Female

### Target number of participants
Not provided at time of registration

### Key exclusion criteria
Not provided at time of registration

### Date of first enrolment
01/01/2003

### Date of final enrolment
01/07/2003

## Locations

### Countries of recruitment
England

United Kingdom

**Study participating centre**
**Obstetric Anaesthesia Office**
Leeds
United Kingdom
LS9 7TF

# 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**
Hospital/treatment centre

**Funder Name**
Leeds Teaching Hospitals NHS Trust

# 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 | 01/01/2006 | | Yes | No |