

# Context sensitive pharmacodynamics and kinetics of volatile anaesthetic agents in paediatric anaesthesia

<b>Submission date</b> 30/09/2004	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
<b>Registration date</b> 30/09/2004	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
<b>Last Edited</b> 05/10/2009	<b>Condition category</b> 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**  
N0264132549

## Study information

## Scientific Title

### Study objectives

To investigate the relationship between duration of anaesthesia, age of patient and quality and speed of recovery from an inhalational anaesthesia with Isoflurane or Desflurane

### 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)

Other

### Health condition(s) or problem(s) studied

Surgery: Anaesthesia

### Interventions

Prospective randomised control trial randomised to receive:

1. Isoflurane
2. Desflurane

### Intervention Type

Procedure/Surgery

### Phase

Not Specified

### Primary outcome(s)

Not provided at time of registration

### Key secondary outcome(s)

Not provided at time of registration

### Completion date

01/10/2004

## Eligibility

### Key inclusion criteria

72 patients <10 years old who will require tracheal intubation and who will have minimal parenteral analgesic requirements post operatively

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Child

**Upper age limit**

10 years

**Sex**

Not Specified

**Key exclusion criteria**

Does not meet inclusion criteria

**Date of first enrolment**

01/10/2003

**Date of final enrolment**

01/10/2004

**Locations****Countries of recruitment**

United Kingdom

England

**Study participating centre**

C/O Research & Effectiveness Department

Bristol

United Kingdom

BS2 8HW

**Sponsor information****Organisation**

Department of Health

**Funder(s)**

**Funder type**

Hospital/treatment centre

**Funder Name**

United Bristol Healthcare NHS Trust (UK)

## 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	01/06/2006		Yes	No