

The effects of propofol and sevoflurane on electrocardiogram (ECG) indices of transmural dispersion of repolarisation in children

Submission date 12/09/2003	Recruitment status No longer recruiting	☐ Prospectively registered ☐ Protocol
Registration date 12/09/2003	Overall study status Completed	☐ Statistical analysis plan ☐ Results
Last Edited 30/04/2015	Condition category Surgery	☐ Individual participant data ☐ Record updated in last year

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

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Contact details

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Additional identifiers

Protocol serial number

N0206121784

Study information

Scientific Title

The effects of propofol and sevoflurane on electrocardiogram (ECG) indices of transmural dispersion of repolarisation in children

Study objectives

Do the anaesthetic drugs propofol and sevoflurane affect surface electrocardiogram (ECG) indices of transmural dispersion of repolarisation?

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

Surgery: Anaesthesia

Interventions

Patients will be randomised to receive either propofol or sevoflurane at induction of anaesthesia.

Intervention Type

Drug

Phase

Not Applicable

Drug/device/biological/vaccine name(s)

Propofol, sevoflurane

Primary outcome(s)

Change in T wave interval peak to end. Change in T wave interval peak to end/onset Q and T wave peak.

Key secondary outcome(s)

Not provided at time of registration

Completion date

01/06/2003

Eligibility

Key inclusion criteria

American Society of Anesthesiologists (ASA) I and II infants and children aged >1 and <12 years undergoing elective surgery.

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Child

Lower age limit

1 years

Upper age limit

12 years

Sex

All

Key exclusion criteria

Not provided at time of registration

Date of first enrolment

01/01/2003

Date of final enrolment

01/06/2003

Locations**Countries of recruitment**

United Kingdom

England

Study participating centre

Institute of Child Health

Liverpool

United Kingdom

L12 2AP

Sponsor information

Organisation

Department of Health (UK)

Funder(s)**Funder type**

Government

Funder Name

Royal Liverpool Children's NHS Trust (UK)

Results and Publications**Individual participant data (IPD) sharing plan****IPD sharing plan summary**

Not provided at time of registration