

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	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
Registration date 12/09/2003	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
Last Edited 30/04/2015	Condition category 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
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 anaesthetics 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

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: 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 measure

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

Secondary outcome measures

Not provided at time of registration

Overall study start date

01/01/2003

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

Age group

Child

Lower age limit

1 Years

Upper age limit

12 Years

Sex

Both

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

01/06/2003

Locations**Countries of recruitment**

England

United Kingdom

Study participating centre

Institute of Child Health

Liverpool

United Kingdom

L12 2AP

Sponsor information

Organisation

Department of Health (UK)

Sponsor details

Richmond House

79 Whitehall

London

United Kingdom

SW1A 2NL

Sponsor type

Government

Website

<http://www.doh.gov.uk>

Funder(s)

Funder type

Government

Funder Name

Royal Liverpool Children's 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