ISRCTN04254583 https://doi.org/10.1186/ISRCTN04254583

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 [_] Statistical analysis plan [_] Results [_] Individual participant data [_] Record updated in last year
Registration date 12/09/2003	**Overall study status** Completed	
Last Edited 30/04/2015	**Condition category** Surgery	

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

Contact name
Dr S Whyte

Contact details
Institute of Child Health
Royal Liverpool Children's Hospital NHS Trust
Alder Hey
Eaton Road
Liverpool
United Kingdom
L12 2AP

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