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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

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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 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

Primary study design
Interventional

Study design
Randomised controlled trial

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