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A comparison of different regimes for post-operative maintenance fluid therapy in children undergoing general surgical procedures. What is the incidence of blood sodium and glucose abnormalities?

Submission date
29/09/2006

Registration date
29/09/2006

Last Edited
07/09/2015

Recruitment status
No longer recruiting

Overall study status
Completed

Condition category
Surgery

[ ] Prospectively registered
[ ] Protocol
[ ] Statistical analysis plan
[ ] Results
[ ] Individual participant data
[ ] 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

Protocol serial number
N0205175497

Study information

Scientific Title
A comparison of different regimes for post-operative maintenance fluid therapy in children undergoing general surgical procedures. What is the incidence of blood sodium and glucose abnormalities?

Study objectives
Does the use of Ringer-Lactate/1% dextrose as post-operative IV fluid result in a lower frequency of post-operative hyponatraemia compared with the use of dextrose saline (current standard)?

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: Postoperative care

Interventions
Randomised controlled trial

Intervention Type
Drug

Phase
Not Applicable

Drug/device/biological/vaccine name(s)
Ringer-Lactate/1% dextrose, dextrose saline

Primary outcome(s)
Frequency of hyponatraemia

Key secondary outcome(s))
Not provided at time of registration

Completion date
06/07/2006

Eligibility

Key inclusion criteria
Children aged 1 month - 12 years undergoing inpatient general surgery

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Child

Lower age limit
1 months

Upper age limit
12 years

Sex
All

Key exclusion criteria
Not provided at time of registration

Date of first enrolment
06/04/2005

Date of final enrolment
06/07/2006

Locations

Countries of recruitment
United Kingdom

England

Study participating centre
The Royal London Hospital
London
United Kingdom
E1 1BB

Sponsor information

Organisation
Record Provided by the NHSTCT Register - 2006 Update - Department of Health

Funder(s)

Funder type
Government

Funder Name
Barts and The London NHS Trust (UK)

Funder Name
NHS R&D Support Funding

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?
Participant information sheet	Participant information sheet	11/11/2025	11/11/2025	No	Yes