

Effect of Continuous Intra Arterial Weak Bicarbonate Infusion on the Use of Fluid and Bicarbonate Boluses to Correct Metabolic Acidosis in Babies Weighing Less than 1000 g and Who are Less than 32 Weeks Gestation at Birth

Submission date 30/09/2004	Recruitment status No longer recruiting	☐ Prospectively registered ☐ Protocol
Registration date 30/09/2004	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 15/05/2012	Condition category Neonatal Diseases	☐ Individual participant data

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
N0051113384

Study information

Scientific Title

Study objectives

A continuous infusion of bicarbonate in very low birth weight infants over the first four days of life will reduce the need for bolus bicarbonate or fluid infusions to correct acidemia.

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)

Not Specified

Health condition(s) or problem(s) studied

Neonatal Diseases: Metabolic acidosis

Interventions

Randomised controlled trial

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Continuous weak alkali infusion may prevent acidosis from occurring and reduce the need for boluses of fluid or bicarbonate.

Key secondary outcome(s)

Not provided at time of registration

Completion date

30/08/2004

Eligibility

Key inclusion criteria

Babies 32 weeks gestational age weighing <1000 g

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Neonate

Sex

All

Key exclusion criteria

Does not meet inclusion criteria

Date of first enrolment

30/10/2001

Date of final enrolment

30/08/2004

Locations

Countries of recruitment

United Kingdom

England

Study participating centre

Brighton & Sussex University Hospitals NHS Trust (RSCH)

Brighton

United Kingdom

BN2 5BE

Sponsor information

Organisation

Department of Health

Funder(s)

Funder type

Hospital/treatment centre

Funder Name

Brighton and Sussex University Hospitals NHS Trust (UK)

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?
Results article	results	18/04/2005		Yes	No