

# 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

<b>Submission date</b> 30/09/2004	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
<b>Registration date</b> 30/09/2004	<b>Overall study status</b> Completed	<input type="checkbox"/> Protocol
<b>Last Edited</b> 15/05/2012	<b>Condition category</b> Neonatal Diseases	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
		<input type="checkbox"/> 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

## Study design

Randomised controlled trial

## Primary study design

Interventional

## 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?
<a href="#">Results article</a>	results	18/04/2005		Yes	No