

Blood transfusions for preterm infants and free radicals

Submission date 23/01/2004	Recruitment status No longer recruiting	☐ Prospectively registered ☐ Protocol
Registration date 23/01/2004	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 03/12/2008	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
RHC18070

Study information

Scientific Title

Study objectives

Does a blood transfusion in preterm infants cause free radical release?

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

Interventions

Group 1 will have their need for blood transfusion monitored according to a standard protocol. Group 2 will have measurements of forearm fractional oxygen extraction (FOE) to guide their need for transfusions.

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

The primary outcome measure will be peak ODFR activity.

Key secondary outcome(s)

A secondary outcome will be the number of days on the neonatal unit, retinopathy or prematurity, preventricular haemorrhage and periventricular leukomalacia and necrotising enterocolitis.

Completion date

01/08/1999

Eligibility

Key inclusion criteria

Preterm infants

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Neonate

Sex

Not Specified

Key exclusion criteria

Not provided at time of registration

Date of first enrolment

01/02/1998

Date of final enrolment

01/08/1999

Locations**Countries of recruitment**

United Kingdom

England

Study participating centre

Liverpool Women's Hospital

Liverpool

United Kingdom

L8 7SS

Sponsor information**Organisation**

NHS R&D Regional Programme Register - Department of Health (UK)

Funder(s)**Funder type**

Government

Funder Name

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	01/01/2002		Yes	No