ISRCTN72984863 https://doi.org/10.1186/ISRCTN72984863

Blood transfusions for preterm infants and free radicals

Submission date	Recruitment status	[_] Prospectively registered
23/01/2004	No longer recruiting	[_] Protocol
Registration date	**Overall study status**	[_] Statistical analysis plan
23/01/2004	Completed	[X] Results
Last Edited	**Condition category**	[_] Individual participant data
03/12/2008	Neonatal Diseases	

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

Contact name
Dr Alan Weindling

Contact details
Liverpool Women's Hospital
Neonatal Unit
Crown Street
Liverpool
United Kingdom
L8 7SS
+44 (0)151 702 4093

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

Study design
Randomised controlled trial

Primary study design
Interventional

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

NHS Executive North West (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	01/01/2002		Yes	No