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# Randomised controlled trial of the clinical impact of an intelligent decision making support tool for labour management using the cardiotocogram

**Submission date**
25/10/2000

**Recruitment status**
No longer recruiting

**Registration date**
25/10/2000

**Overall study status**
Completed

**Last Edited**
28/02/2018

**Condition category**
Pregnancy and Childbirth

[ ] 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**
G9721800

# Study information

### Scientific Title
Randomised controlled trial of the clinical impact of an intelligent decision making support tool for labour management using the cardiotocogram

### Study objectives
To determine whether an intelligent support system can improve outcomes for mother and baby for current foetal monitoring by reducing human error.

### 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
Obstetrics and gynaecology

### Interventions
EFM with and without decision support
Delivery - operative (Caesarean section or forceps) or spontaneous

Added 19/08/09:
Follow-up: One month in first instance. Longer term follow-up will almost certainly occur as part of a paediatric developmental study.

### Intervention Type
Other

### Phase
Not Specified

### Primary outcome(s)
Operative delivery rates for mother. Cord blood gas analysis, admissions to NICU, neonatal encephalopathy and perinatal mortality rates for baby.

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

### Completion date

31/05/2004

# Eligibility

### Key inclusion criteria
All consented pregnancies after 34 weeks gestation with no gross foetal anomaly undergoing electronic foetal monitoring (EFM) in labour

### Participant type(s)
Patient

### Healthy volunteers allowed
No

### Age group
Adult

### Sex
Female

### Key exclusion criteria
Not provided at time of registration

### Date of first enrolment
01/06/1999

### Date of final enrolment
31/05/2004

# Locations

### Countries of recruitment
United Kingdom

England

### Study participating centre
**Perinatal Research Group**
Plymouth
United Kingdom
PL6 8DH

# Sponsor information

### Organisation

Medical Research Council (MRC) (UK)

# Funder(s)

**Funder type**
Research council

**Funder Name**
Medical Research Council (MRC) (UK)

**Alternative Name(s)**
Medical Research Council (United Kingdom), UK Medical Research Council, Medical Research Committee and Advisory Council, MRC

**Funding Body Type**
Government organisation

**Funding Body Subtype**
National government

**Location**
United Kingdom

# Results and Publications

**Individual participant data (IPD) sharing plan**

**IPD sharing plan summary**
Not provided at time of registration