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The effect of pharmacological agents on uterine junctional zone contractions during mock embryo transfer: a randomised double-blind study

Submission date
30/09/2004

Recruitment status
No longer recruiting

Registration date
30/09/2004

Overall study status
Completed

Last Edited
31/03/2020

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
N0084096582

Study information

Scientific Title
The effect of pharmacological agents on uterine junctional zone contractions during mock embryo transfer: a randomised double-blind study

Study objectives
To assess if junctional zone contractions can be reduced by pharmacological agents.

Ethics approval required
Old ethics approval format

Ethics approval(s)
Not provided at time of registration

Study design
Randomised double-blind study

Primary study design
Interventional

Study type(s)
Treatment

Health condition(s) or problem(s) studied
Pregnancy and Childbirth: Embryo transfer

Interventions
The patient's baseline junctional zone contractions will be established following a 5 minute scan. Video tapes taken of both the pre and post mock embryo transfer will be assessed by two researchers who will be unaware of treatment.
20 patients allocated to the nitric oxide group, 20 to the non-steroidal anti-inflammatory group, 20 control and 20 to the COX-2 inhibitor group.

Intervention Type
Drug

Phase
Not Applicable

Primary outcome(s)
1. Number of contractions per unit time
2. Speed of contractions in cm/min
3. Type of contractions
4. Speed of Echovist
5. Distance traveled by Echovist

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

Completion date
10/12/2003

Eligibility

Key inclusion criteria
Not provided at time of registration

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
01/04/2000

Date of final enrolment
10/12/2003

Locations

Countries of recruitment
United Kingdom

England

Study participating centre
The Princess Royal Hospital
Hull
United Kingdom
HU8 9HE

Sponsor information

Organisation

Department of Health

Funder(s)

Funder type
Research organisation

Funder Name
The North and South Bank Research and Development Consortium (UK)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration