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Prospective, randomised, blind study to compare two flushing media on oocyte collection and fertilisation rates after in vitro fertilisation (IVF)

Submission date
12/09/2003

Recruitment status
No longer recruiting

Registration date
12/09/2003

Overall study status
Completed

Last Edited
31/10/2019

Condition category
Pregnancy and Childbirth

[_] Prospectively registered
[_] Protocol
[_] Statistical analysis plan
[X] Results
[_] 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
N0059122213

Study information

Scientific Title
Prospective, randomised, blind study to compare two flushing media on oocyte collection and fertilisation rates after in vitro fertilisation (IVF)

Study objectives
Prospective, randomised, blind study to compare two flushing media on oocyte collection and fertilisation rates after in vitro fertilisation (IVF). The success rates of human in vitro fertilisation remain disappointingly low, only 25% of couples will take home a baby (HFEA report 1999.) The quality of eggs collected from a woman's ovaries has a significant influence on the implantation potential of any resulting embryos and therefore the chances of a patient becoming pregnant. The aims of this study are:
a. To determine whether the medium used to flush ovarian follicles during egg collection in IVF has an impact on oocyte quality, fertilisation rates and subsequent embryo development
b. To compare the use of a new complex flushing medium (Sydney IVF Follicle Flushing Buffer, COOK) with our current flushing medium, Hartmann's solution (Baxter).

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)
Other

Health condition(s) or problem(s) studied
Pregnancy and Childbirth: In vitro fertilisation (IVF)

Interventions
Compare the use of new complex flushing medium (Sydney IVF Follicle Flushing Buffer, COOK) with our current flushing medium, Hartmann's solution (Baxter).

Intervention Type
Other

Phase
Not Specified

Primary outcome(s)
Currently unavailable.

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

Completion date

01/09/2003

Eligibility

Key inclusion criteria
Female patients, Assisted Conception Unit.

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Adult

Sex
Female

Key exclusion criteria
Does not meet inclusion criteria

Date of first enrolment
01/10/2002

Date of final enrolment
01/09/2003

Locations

Countries of recruitment
United Kingdom

England

Study participating centre
University of Sheffield
Sheffield
United Kingdom
S10 2SF

Sponsor information

Organisation
Department of Health (UK)

Funder(s)

Funder type
Hospital/treatment centre

Funder Name
Sheffield Teaching Hospitals NHS Foundation 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?
Abstract results	results presented at the Association of Clinical Embryologists Annual Meeting	01/01/2009	31/10/2019	No	No