

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	☐ Prospectively registered
Registration date 12/09/2003	Overall study status Completed	☐ Protocol
Last Edited 31/10/2019	Condition category Pregnancy and Childbirth	☐ Statistical analysis plan
		☒ 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

Study design

Randomised controlled trial

Primary study design

Interventional

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