

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	<input type="checkbox"/> Prospectively registered
Registration date 12/09/2003	Overall study status Completed	<input type="checkbox"/> Protocol
Last Edited 31/10/2019	Condition category Pregnancy and Childbirth	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
		<input type="checkbox"/> 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

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

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

Secondary study design

Randomised controlled trial

Study setting(s)

Hospital

Study type(s)

Other

Participant information sheet

Not available in web format, please use the contact details below to request a patient information sheet

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 measure

Currently unavailable.

Secondary outcome measures

Not provided at time of registration

Overall study start date

01/10/2002

Completion date

01/09/2003

Eligibility**Key inclusion criteria**

Female patients, Assisted Conception Unit.

Participant type(s)

Patient

Age group

Adult

Sex

Female

Target number of participants

Not provided at time of registration

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**

England

United Kingdom

Study participating centre

University of Sheffield

Sheffield

United Kingdom

S10 2SF

Sponsor information

Organisation

Department of Health (UK)

Sponsor details

Richmond House

79 Whitehall

London

United Kingdom

SW1A 2NL

Sponsor type

Government

Website

<http://www.doh.gov.uk>

Funder(s)

Funder type

Hospital/treatment centre

Funder Name

Sheffield Teaching Hospitals NHS Foundation Trust (UK)

Results and Publications

Publication and dissemination plan

Not provided at time of registration

Intention to publish date

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration

Study outputs

Output type Details

[Abstract results](#) results presented at the Association of Clinical Embryologists Annual Meeting

Date created

01/01
/2009

Date added

31/10
/2019

Peer reviewed?

No

Patient-facing?

No