

Comparison between two commercially available embryo culture media

Submission date 03/02/2009	Recruitment status No longer recruiting	☐ Prospectively registered
		☐ Protocol
Registration date 13/03/2009	Overall study status Completed	☐ Statistical analysis plan
		☐ Results
Last Edited 13/03/2009	Condition category Urological and Genital Diseases	☐ Individual participant data
		☐ Record updated in last year

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

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Contact details

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Additional identifiers

Study information

Scientific Title

A prospective randomised sibling-oocyte study of two sequential media for culturing cleavage stage embryos

Study objectives

Commercially available culture media are expected to be equally efficient in fertilisation and culture of early embryos.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Local ethics committee (Örebro läns landsting) (Sweden) gave approval on the 25th March 2003 (ref: 90/03)

Primary study design

Interventional

Study design

Prospective randomised single centre single-blinded (patients only) sibling study

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Infertility

Interventions

The study included two commercially available sequential media for fertilisation and culture of oocytes. One of the media system was standard in our clinic, while the other media system was standard in the private clinic in our town. It was not expected that there would be a difference.

Intervention Type

Other

Phase

Not Applicable

Primary outcome(s)

1. Fertilisation rate, measured at 1 day
2. Polynuclei rate, measured at 2 days
3. Cleavage rate, measured at 2 days

Key secondary outcome(s)

1. Positive human chorionic gonadotrophin (hCG) rate, measured at 1 - 2 weeks.
2. Clinical pregnancy rate, measured at 12 weeks
3. Implantation rate, measured at 12 weeks
4. Delivery rate, measured at 9 months

Completion date

31/12/2007

Eligibility**Key inclusion criteria**

All oocytes from patients (aged 24 - 40 years, female) undergoing in vitro fertilisation (IVF) treatment

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

01/10/2007

Date of final enrolment

31/12/2007

Locations

Countries of recruitment

Sweden

Study participating centre

Department of Women's and Children's Health

Uppsala

Sweden

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Sponsor information

Organisation

Uppsala County Council (Uppsala Läns Landsting) (Sweden)

ROR

<https://ror.org/01dv86r63>

Funder(s)

Funder type

Hospital/treatment centre

Funder Name

Uppsala University Hospital (Sweden) - Centre of Reproduction

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration