

# Comparison between two commercially available embryo culture media

<b>Submission date</b> 03/02/2009	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
		<input type="checkbox"/> Protocol
<b>Registration date</b> 13/03/2009	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
<b>Last Edited</b> 13/03/2009	<b>Condition category</b> Urological and Genital Diseases	<input type="checkbox"/> Individual participant data
		<input type="checkbox"/> 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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Uppsala University Hospital  
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## Additional identifiers

**EudraCT/CTIS number**

**IRAS number**

**ClinicalTrials.gov number**

**Secondary identifying numbers**  
N/A

## 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)

**Study design**

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

**Primary study design**

Interventional

**Secondary study design**

Randomised controlled trial

**Study setting(s)**

Hospital

**Study type(s)**

Treatment

**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**

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 measure**

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

**Secondary outcome measures**

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

**Overall study start date**

01/10/2007

**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

**Age group**

Adult

**Sex**

Female

**Target number of participants**

110 patients/1200 oocytes

**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  
751 85

## **Sponsor information**

**Organisation**  
Uppsala County Council (Uppsala Läns Landsting) (Sweden)

**Sponsor details**  
Kvinno och Barndivisionen  
Akademiska sjukhuset  
Uppsala  
Sweden  
751 85

**Sponsor type**  
Government

**Website**  
<http://www.lul.se/>

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

## **Funder(s)**

**Funder type**  
Hospital/treatment centre

**Funder Name**  
Uppsala University Hospital (Sweden) - Centre of Reproduction

## **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