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Should the site of embryo transfer be changed according to endometrial cavity length?

Submission date	Recruitment status	[_] Prospectively registered
11/02/2015	No longer recruiting	[_] Protocol
Registration date	**Overall study status**	[_] Statistical analysis plan
27/02/2015	Completed	[X] Results
Last Edited	**Condition category**	[_] Individual participant data
29/07/2015	Pregnancy and Childbirth	

Plain English summary of protocol

Background and study aims
There is a lot of debates about the best area in the endometrial cavity in which to transfer embryos. The aim of the study is to compare two areas and assess the impact on implantation and pregnancy rates.

Who can participate?
Female adults going for embryo transfers at the CHA Fertility Center of Bundang CHA General Hospital

What does the study involve?
Participants are randomly allocated to one of two groups: group A = embryo transfer 2cm from fundal endometrium (DFE) or group B = at the midpoint of the endometrial cavity length (ECL)

What are the possible benefits and risks of participating?
Not provided at time of registration

Where is the study run from?
CHA Fertility Center of Bundang CHA General Hospital (South Korea)

When is the study starting and how long is it expected to run for?
From July 2012 to December 2014.

Who is funding the study?
CHA Fertility Center of Bundang CHA General Hospital (South Korea)

Who is the main contact?
hwangkwon98@gmail.com

Contact information

Type(s)
Scientific

Contact name
Dr hwang kwon

Contact details
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Korea, South
463-712

Additional identifiers

Protocol serial number
N/A

Study information

Scientific Title
Should the site of embryo transfer be changed according to endometrial cavity length: a prospective randomized controlled trial

Study objectives
There is a difference in implantation rates and pregnancy rates when the site of the embryo transfer is positioned 2 cms from the fundal endometrium (DFE) or at the midpoint of the endometrial cavity length (ECL).

Ethics approval required
Old ethics approval format

Ethics approval(s)
Institutional Review Board of Bundang CHA Hospital, 04/07/2012, ref: BD2012-095D
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Study design
Randomised controlled trial

Primary study design
Interventional

Study type(s)
Treatment

Health condition(s) or problem(s) studied
Pregnancy

Interventions

Group A: embryo transfer catheter tip positioned at 2 cm DFE
Group B: embryo transfer catheter tip positioned at midpoint area of ECL

Intervention Type
Procedure/Surgery

Primary outcome(s)
Pregnancy outcomes such as implantation rates, chemical pregnancy rates, clinical pregnancy rates, ongoing pregnancy rates.

Key secondary outcome(s))
Ectopic pregnancy and miscarriage rates.

Completion date
31/12/2014

Eligibility

Key inclusion criteria
All women who undergo controlled ovarian stimulation.

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Adult

Sex
Female

Key exclusion criteria
1. When embryos are expected to be frozen due to ovarian hyperstimulation.
2. When embryo transfer is not performed by same physician because of absence of physician.

Date of first enrolment
01/06/2012

Date of final enrolment
18/12/2014

Locations

Countries of recruitment
Korea, South

Study participating centre
CHA Fertility Center of Bundang CHA General Hospital
351 Yatap-dong
Bundang-gu
Seongnam
Gyeonggi-do
Seongnam
Korea, South
463-712

Sponsor information

Organisation
Bundang CHA General Hospital

ROR
https://ror.org/04yka3j04

Funder(s)

Funder type
Hospital/treatment centre

Funder Name
Bundang CHA General Hospital

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Available on request

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	results	29/07/2015		Yes	No