Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 2026

Assessment effect of endometrial injury on rate of successful pregnancy outcomes in infertile patients .

Protocol summary

Summary

The aim of this study is the local endometrial injury in patients with the history of repeated ivf failure to increase fetal implantation . 120 patients with inclusion criteria like age more than 40,RIF,minimum of 4 good fetuses .normal uterus,minimum endometrial thickness of 6 millimeter on HCG administration by simple randomization were involved our study. both group(case & control) were advised to come to our clinic on 21th day of the cycle before IVE& were divided in two 60 group of case & control.in case group endometrial injury by pipple was done&super fact(30 unit=3cc subcutaneous) was started in both & come back on 3th day of next cycle& estradiol was started for both group(6mg daily)&increase of dose to 8 milligram .one weak later sono was done & if endometrial thickness is 8mm , progesterone was started(400microgram by two daily)&3 days later, Embryo transfer was done.clinical pregnancy rate,implantation rate,EP&abortion were the outcome that were surveyed.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201311065181N12**
Registration date: **2015-10-20, 1394/07/28**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2015-10-20, 1394/07/28

Registrant information

Name
Batool Rashidi
Name of organization / entity
Vali E Asr Reproductive Health Research Center
Country
Iran (Islamic Republic of)
Phone
+98 21 6693 9320
Email address
bhrashidi@tums.ac.ir

Recruitment status

Recruitment complete

Funding source

C

Expected recruitment start date

2012-10-06, 1391/07/15

Expected recruitment end date

2014-10-07, 1393/07/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Assessment effect of endometrial injury on rate of successful pregnancy outcomes in infertile patients .

Public title

Assessmen effect of endometrial injury on successful rate of repeated failure of FET

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:age lower than 40 years ,minimum of 4 good fetuses ; minimum of 2 cycle of failure; Endometrial thickness on day of progesterone administration more than 8mm. Exclusion criteria :submucosal myoma larger than 3 centimeter , intramural-subserosal myoma larger than 5 Cm ,endometrioma larger than 3 centimeter ,systemic disease ,Tuberculosis , ,hydrosalpinx+bilateral tubal obstruction,asherman syndrome.

Age
From **20 years** old to **40 years** old
Gender
Female

Phase
3
Groups that have been masked
No information
Sample size
Target sample size: **120**
Randomization (investigator's opinion)
Randomized
Randomization description
Blinding (investigator's opinion)
Not blinded
Blinding description
Placebo
Not used
Assignment
Parallel
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Ethics Committee of Tehran University of Medical Sciences
Street address
.Medical faculty of Tehran University of Medical Sciences,Ghods street,keshavarz blv
City
Tehran
Postal code
14194
Approval date
2010-09-23, 1389/07/01
Ethics committee reference number
2244

Health conditions studied

1

Description of health condition studied
femail infertility
ICD-10 code
N.97
ICD-10 code description
Female infertility, unspecified

Primary outcomes

1

Description
Clinical pregnancy
Timepoint
2 weak after trasfer
Method of measurement
Blood sample

2

Description
Frozen Embryo Transfer
Timepoint
2 weak post trasfer
Method of measurement
Transvaginal sonography

Secondary outcomes

1

Description
Abortion
Timepoint
2 weaks post transfer
Method of measurement
Transvaginal sonography

2

Description
ectopic pregnancy
Timepoint
2 weaks post transfer
Method of measurement
trasvaginal sonography&blood sample

3

Description
implantation rate
Timepoint
2 weaks post transfer
Method of measurement
sonography

Intervention groups

1

Description
intervention group: endometrial injury by pipple was done in the 21 th of mensturation cycle &superfact(30 unit=3cc subcutaneous) was started & come back on 3th day of next cycle& estradiol was started for both group(6mg daily)&increase of doseto 8 miligram .one weak later sono was done & if endometrial thickness is 8 milimetre, progestron was started(400microgram by two times daily)&3 days later Embryo transfer was done.
Category
Treatment - Other

2

Description
controll group:endometrial injury by pipple was not done&superfact(30 unit=3cc subcutaneous) was started in both & come back on 3th day of next cycle& estradiol was started for both group(6mg daily)&increase to 8 miligram .one weak laterr sono was done & if endometrial thickness was 8mm, progestron was started(400microgram by two times daily)&3 days later Embryo transfer was done.
Category
Treatment - Drugs

Recruitment centers

1

Recruitment center
Name of recruitment center
Valiasr Infertility Center & Shayamehr Center
Full name of responsible person
Minou Dashti
Street address
Imam Khomeini Hospital, Vali-E-Asr Hospital.Keshavarz BlVd,
City
Tehran

2

Recruitment center
Name of recruitment center
Imam Hospital
Full name of responsible person
Minou Dashti
Street address
,Valiasr Hospital,Keshavarz blvd
City
Tehran

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Vice Chancellor for Research of Tehran University of Medical Sciences
Full name of responsible person
Younesian Masoud.
Street address
Imam Hospital, Keshavarz blvd .Tehran.
City
Tehran
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Vice Chancellor for Research of Tehran University of Medical Sciences
Proportion provided by this source
100
Public or private sector
empty
Domestic or foreign origin
empty
Category of foreign source of funding
empty
Country of origin
Type of organization providing the funding
empty

Person responsible for general inquiries

Contact
Name of organization / entity
Valiasr Reproductive Health Research Center
Full name of responsible person
Minou Dashti
Position
Physician
Other areas of specialty/work
Street address
Imam khomeini Hospital ,Valiasr Hospital ,Keshavarz bvld . Tehran.
City
Tehran
Postal code
14194
Phone
+98 21 6693 9320
Fax
+98 21 6658 1658
Email
dashti.minou@gmail.com
Web page address

Person responsible for scientific inquiries

Contact
Name of organization / entity
Valiasr Reproductive Health Research center
Full name of responsible person
Ensiye Shahrokh Tehraninejad
Position
Associated Proffessor
Other areas of specialty/work
Street address
Vali-Asr Hospital , Vali-Asr Reproductive Health Research center . Keshavarz blvd.Tehran.
City
Tehran
Postal code
14194
Phone
+98 21 6693 9320
Fax
Email
etehraninejad@yahoo.com
Web page address

Person responsible for updating data

Contact

Name of organization / entity
Vali-asr Reproductive Health Research Center

Full name of responsible person
Haghollahi Fedyeh

Position
Research Expert

Other areas of specialty/work

Street address
Imam Khomeini Hospital,Vali-e-Asr Hospital.
Keshavarz BlVd.Tehran.

City
Tehran

Postal code
14194

Phone
+98 21 6658 1616

Fax
+98 21 6658 1658

Email
fedyeh_hagh@yahoo.com

Web page address

Sharing plan

Deidentified Individual Participant Data Set (IPD)
empty

Study Protocol
empty

Statistical Analysis Plan
empty

Informed Consent Form
empty

Clinical Study Report
empty

Analytic Code
empty

Data Dictionary
empty