

Clinical Trial Protocol

Iranian Registry of Clinical Trials

28 Jul 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

female infertility

ICD-10 code

N.97

ICD-10 code description

Female infertility, unspecified

Primary outcomes

1

Description

Clinical pregnancy

Timepoint

2 week after transfer

Method of measurement

Blood sample

2

Description

Frozen Embryo Transfer

Timepoint

2 week post transfer

Method of measurement

Transvaginal sonography

Secondary outcomes

1

Description

Abortion

Timepoint

2 weeks post transfer

Method of measurement

Transvaginal sonography

2

Description

ectopic pregnancy

Timepoint

2 weeks post transfer

Method of measurement

transvaginal sonography & blood sample

3

Description

implantation rate

Timepoint

2 weeks post transfer

Method of measurement

sonography

Intervention groups

1

Description

intervention group: endometrial injury by pipette was done in the 21th of menstruation 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 dose to 8 milligram. One week later sono was done & if endometrial thickness is 8 millimetre, progesterone was started (400 microgram by two times daily) & 3 days later Embryo transfer was done.

Category

Treatment - Other

2

Description

control group: endometrial injury by pipette 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 week later sonography was done & if endometrial thickness was 8mm, progesterone was started (400 microgram 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
bld . 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 Professor

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