

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Endometrial preparation for frozen-thawed embryo transfer without gonadotropin releasing hormone agonist effect on the pregnancy results

Protocol summary

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Summary

The aim of this interventional study is to evaluate the efficacy of endometrial preparation with exogenous steroids, without pretreatment and with GnRH agonist in luteal cycle. A total of one hundred women who were undergoing frozen-thawed embryo transfer were enrolled in this study and randomly assigned into intervention or control group. In the control group, 60 patients receive GnRh agonist (buserelin) in the luteal phase while in the intervention group, consisting of 40 patients, GnRh agonist (buserelin) wasn't administered in the luteal phase. The outcome of pregnancy will be compared between the two groups.

Recruitment status

Recruitment complete

Funding source

Infertility Center, Shariati Hospital, Tehran University of Medical Sciences

Expected recruitment start date

2008-07-22, 1387/05/01

Expected recruitment end date

2009-04-21, 1388/02/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201109224572N2**

Registration date: **2011-10-17, 1390/07/25**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2011-10-17, 1390/07/25

Registrant information

Name

Shohreh Movahedi

Name of organization / entity

Infertility center, Shariati hospital, Tehran university of medical science

Country

Iran (Islamic Republic of)

Phone

+98 912 300 5195

Email address

Scientific title

Endometrial preparation for frozen-thawed embryo transfer without gonadotropin releasing hormone agonist effect on the pregnancy results

Public title

Endometrial preparation for frozen-thawed embryo transfer with and without gonadotropin releasing hormone agonist

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: presence of functioning ovary, normal cavity of uterus, age 25 to 38 years old, presence of infertility Exclusion criteria: uterine anomaly, FSH more than 11, endometriosis, hypothalamic amenorrhea

Age

From **25 years** old to **38 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 100

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

Tehran University of Medical Sciences

Street address

Enghelab Sq., Ghods st

City

Tehran

Postal code

Approval date

2011-06-11, 1390/03/21

Ethics committee reference number

90/123

Health conditions studied

1

Description of health condition studied

Female infertility

ICD-10 code

N97

ICD-10 code description

Female infertility

Primary outcomes

1

Description

pregnancy rate

Timepoint

pregnancy test was performed 15 days after transfer

Method of measurement

B HCG above 10 is considered positive

Secondary outcomes

empty

Intervention groups

1

Description

Control group : No intervention

Category

N/A

2

Description

Intervention group: the two cycles were cancelled, GnRh agonist (buserelin) wasn't administered in the luteal phase

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Infertility Center, Shariati Hospital, Tehran University of Medical Science,

Full name of responsible person

Infertility group

Street address

Shariati Educational, Research and Healthcare Center, the beginning of Jalal Al Ahmad High way

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tehran University of Medical Sciences

Full name of responsible person

Dr Ale yasin

Street address

Shariati Educational, Research and Healthcare Center, the beginning of Jalal Al Ahmad High way

City

Tehran

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

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

Tehran University of Medical Sciences

Full name of responsible person

Shohre Movahedi

Position

Infertility fellow

Other areas of specialty/work

Street address

Baharloo Hospital, Tehran University of Medical Science, Iran

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Person responsible for scientific inquiries

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Name of organization / entity

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Shohre Movahedi M.D

Position

Infertilitys Fellowship

Other areas of specialty/work

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Web page address

Person responsible for updating data

Contact

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