

Clinical Trial Protocol

Iranian Registry of Clinical Trials

28 Sep 2026

A Comparative study of cyclogest and GNRH-A+ cyclogest effect on luteal phase support in cycles of frozen embryo transfer

Protocol summary

Summary

Goal: a comparative study of cyclogest and GNRH-A + cyclogest effect on luteal phase support in cycles of frozen embryo transfer Study is accidental single blind clinical study People under study: Infertile females that refer to madar and Koudak hospital in shiraz 1395 with including criteria: Un explain infertility, tubal factor, mild male factor, POF, PCO, age 20-40 y/o with normal uterine cavity Excluding criteria: Age > 40y/o, abnormal uterine cavity, stage 3&4 endometriosis, hydrosalpinx, severe male factor, unsuccessful embryo transfer > 2 cycle In this trial, 240 women with infertility and IVF candidate again, divided in 2 equal 120 groups that include: consumers of cyclogest (800mg daily) and Dipherlin 0.1mg 3 dose in transfer time and 3&6 days after it with cyclogest (800mg daily) for luteal phase support groups. The frozen embryos from IVF are transferred to uterus and implantation rate, clinical pregnancy, ongoing pregnancy and abortion are compared.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017020510210N7**

Registration date: **2017-03-01, 1395/12/11**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2017-03-01, 1395/12/11

Registrant information

Name

Afsun Zarei

Name of organization / entity

Shiraz University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 71 1233 2365

Email address

zareia@sums.ac.ir

Recruitment status

Recruitment complete

Funding source

Shiraz University of Medical Sciences

Expected recruitment start date

2016-09-20, 1395/06/30

Expected recruitment end date

2017-03-20, 1395/12/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

A Comparative study of cyclogest and GNRH-A+ cyclogest effect on luteal phase support in cycles of frozen embryo transfer

Public title

Effect of two treatment protocols upon pregnancy outcome in IVF

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Un explain infertility, tubal factor, mild male factor, POF, PCO, age 20-40 y/o with normal uterine cavity Exclusion criteria: Age > 40y/o, abnormal uterine cavity, stage 3&4 endometriosis, hydrosalpinx, severe male factor, unsuccessful embryo transfer > 2 cycle

Age

From **20 years** old to **40 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample sizeTarget sample size: **240****Randomization (investigator's opinion)**

Randomized

Randomization description**Blinding (investigator's opinion)**

Single 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 Shiraz University of Medical Sciences

Street address

Shiraz University of Medical Sciences, Zand Street, Shiraz

City

Shiraz

Postal code**Approval date**

2016-11-09, 1395/08/19

Ethics committee reference number

IR.SUMS.MED.REC.1395.49

Health conditions studied**1****Description of health condition studied**

Infertility and treatment methods

ICD-10 code

N97

ICD-10 code description

Female infertility

Primary outcomes**1****Description**

Clinical pregnancy rate

Timepoint

6 week gestation

Method of measurement

Vaginal sonography trans

Secondary outcomes**1****Description**

Ongoing pregnancy rate, Abortion rate

Timepoint

12 week gestation

Method of measurement

Trans vaginal sonography

Intervention groups**1****Description**

Received cyclogest vaginal suppository twice a day for luteal phase support

Category

Treatment - Drugs

2**Description**

patients who received GNRH-A + Cyclogest

Category

Treatment - Drugs

Recruitment centers**1****Recruitment center****Name of recruitment center**

Mother & Child hospital

Full name of responsible person

Marzieh Eslami moghadadm

Street address

Shiraz University of Medical Sciences, Zand Street, Shiraz

City

Shiraz

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Vice chancellor for research of Shiraz University of Medical Sciences

Full name of responsible person

Dr Basir Hashemi

Street address

Shiraz University of Medical Sciences, Zand Street, Shiraz

City

Shiraz
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 Shiraz 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
 Shiraz University of Medical Sciences
Full name of responsible person
 Dr. Marazieh Eslamimoghadam
Position
 Rezedent of Obstetrics & GYN
Other areas of specialty/work
Street address
 Shiraz University of Medical Sciences, Zand street
City
 Shiraz
Postal code
Phone
 +98 71 3233 2365
Fax
Email
 marzieh.eslami@ymail.comhafez_perina@sums.ac.ir
Web page address

Person responsible for scientific inquiries

Contact
Name of organization / entity
 Shiraz University of Medical Science
Full name of responsible person
 Dr Afsoon Zarei
Position

Professor of Obstetrics & GYN, Fellowship Infertility
Other areas of specialty/work
Street address
 Shiraz University of Medical Science , Zand Street
City
 Shiraz
Postal code
Phone
 +98 71 3233 2365
Fax
Email
 Zareia@sums.ac.ir
Web page address

Person responsible for updating data

Contact
Name of organization / entity
 Shiraz University of Medical Science
Full name of responsible person
 Afsoon Zarei
Position
 Professor of Obstetrics & GYN, Fellowship Infertility
Other areas of specialty/work
Street address
 Shiraz University of Medical Science , Zand Street
City
 Shiraz
Postal code
Phone
 +98 71 3233 2365
Fax
Email
 hafez_perina@sums.ac.ir
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