

Clinical Trial Protocol

Iranian Registry of Clinical Trials

27 Jul 2026

The effect of hysteroscopy on Successful pregnancy in IVF in the infertile women who are candidate for the first IVF cycle

Protocol summary

Summary

This is a randomized control clinical trial study, which study the effectiveness of hysteroscopy in the first IVF. Patients who have inclusion criteria (Age less than 38 years, 35> BMI, didn't do Hysteroscopy in two past month, Absence of uterine and tubal pathology which is incurable by Hysteroscopy, couples undergoing ART with their own gametes). Patients who are referred to Shariati Hospital, will be selected for this study. The number of participants are 220. Patients randomly will be divided into two groups of 110. For both groups Long Protocol will begin. Group 1: within 14 days prior to IVF, hysteroscopy will be done and if they have pathology in uterine will be corrected in that time. Group 2: include 110 individuals who will not do hysteroscopy before IVF. Two weeks after IVF, beta- hcg wil bel checked and then two weeks later, ultrasound examination to diagnose EP, miscarriage, multiple poles, embryonic and fetal heart. the results We will be compared by each others .results will be analyzed by SPSS software.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014052616912N4**

Registration date: **2014-08-01, 1393/05/10**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2014-08-01, 1393/05/10

Registrant information

Name

Saeedeh Gharahjeh

Name of organization / entity

Tehran University of Medical Sciences

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Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Tehran university of medical science

Expected recruitment start date

2014-05-24, 1393/03/03

Expected recruitment end date

2014-08-22, 1393/05/31

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of hysteroscopy on Successful pregnancy in IVF in the infertile women who are candidate for the first IVF cycle

Public title

The effect of hysteroscopy prior IVF on creating successful pregnancy

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Age less than 38 years; 35> BMI, didn't do Hysteroscopy in two past month, Absence of uterine and tubal pathology which is incurable by Hysteroscopy, couples undergoing ART with their own gametes
Exclusion criteria: Embryo Donation; Oocyte donation, TESE, Hypothalamic amenorrhea, OHSS, Sever male

factor, 35< BMI, do Hysteroscopy in two past month, age Equal and more than 38 years; History of IVF, uterine and tubal pathology which is incurable by Hysteroscopy

Age

From **20 years** old to **38 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **220**

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

Medical ethics committee, sixth floor, university central organization, Ghods street, Keshavarz avenue

City

Tehran

Postal code

14114

Approval date

2014-05-24, 1393/03/03

Ethics committee reference number

130/446/93/5

Health conditions studied

1

Description of health condition studied

Infertility

ICD-10 code

N97.9

ICD-10 code description

Female infertility, unspecified

Primary outcomes

1

Description

Chemical pregnancy

Timepoint

Two week after IVF

Method of measurement

Check β HCG

Secondary outcomes

1

Description

Clinical pregnancy

Timepoint

4 week after IVF

Method of measurement

Vaginal sonography

Intervention groups

1

Description

In the control group: no intervention will be done

Category

N/A

2

Description

In the intervention group, hysteroscopy is performed within 14 days prior to in vitro fertilization and If there is an abnormality in the uterine cavity , we will correct that,at the same hysteroscopy

Category

Treatment - Surgery

Recruitment centers

1

Recruitment center

Name of recruitment center

Shariati Hospital

Full name of responsible person

Amene Abiri

Street address

Infertility department, second floor, Shariati Hospital, Jalal al ahmad avenue, tehran

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice Chancellor for Research , Tehran University of Medical Science

Full name of responsible person

Dr Akbar Fotouhi

Street address

Vice Chancellor for Research ,second floor, Tehran University of Medical Science, 16 Azar avenue, Keshavarz Boulevard, 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 , Tehran University of Medical Science

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 Medical Sciences

Full name of responsible person

Amene Abiri

Position

Resident in Obstetrics and Gynecology (Fourth year)

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Full name of responsible person

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Position

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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

