

Clinical Trial Protocol

Iranian Registry of Clinical Trials

28 Jul 2026

Effect of hysteroscopy before Intra uterine insemination on fertility in infertile couples patients referred to Imam Khomeini Hospital, Ahwaz IVF

Protocol summary

Summary

110 infertile women candidate intrauterine insemination, enrolled in our clinical trial. All of them have normal hystero salpangography. Randomly divided into two equal group. First group underwent hysteroscopy before intrauterine insemination and depend on finding, candidated for surgery. Second group took intrauterine insemination without hysteroscopy. In group 1 if patient had normal hysteroscopy, took IUI at next cycle; If had surgery due to hysteroscopy finding, took IUI after 2-3 cycle. In order to ovarian stimulation in both groups, Clomifen 50-100g/d started and after 3 days intra venous injection of HMG (75 unit per day) started. Between 12th and 14th day, trans vaginal sonography had been done; if follicles were about 18-20 mm, single dose of HCG would inject. After 36 hours, IUI would have done and 2 week later, B-HCG would be checked. Vaginal sonography had been done to confirm pregnancy and fetus condition 6 weeks after IUI. All patients followed up during 3 cycle up to 6 month.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201201308867N1**

Registration date: **2012-04-09, 1391/01/21**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2012-04-09, 1391/01/21

Registrant information

Name

Sarah sadat Barati

Name of organization / entity

Jundi Shapur University of Medical Sciences, Ahwaz

Country

Iran (Islamic Republic of)

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+98 61 1223 9820

Email address

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Recruitment status

Recruitment complete

Funding source

Jundi Shapur University of Medical Sciences, Ahwaz

Expected recruitment start date

2011-03-30, 1390/01/10

Expected recruitment end date

2011-05-31, 1390/03/10

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of hysteroscopy before Intra uterine insemination on fertility in infertile couples patients referred to Imam Khomeini Hospital, Ahwaz IVF

Public title

Effect of hysteroscopy before Intra uterine insemination on fertility in infertile couples

Purpose

Other

Inclusion/Exclusion criteria

Inclusion criterion: all infertile patients who are candidates for IUI with normal Hysterosalpingography. Exclusion criterion: ovarian hyperstimulation syndrome in patients suffering complications during surgery and Hysteroscopy.

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: **110****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**

Jundi Shapur University of Medical Sciences, Ahwaz

Street addressGolestan Blvd - University of Medical Sciences, Ahwaz
Jondi Shapur**City**

Ahwaz

Postal code**Approval date**

2011-01-21, 1389/11/01

Ethics committee reference number

ETH-350

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

Infertility

ICD-10 code**ICD-10 code description****Primary outcomes****1****Description**

Pregnancy

Timepoint

Two months after intervention

Method of measurement

Transvaginal ultrasonography

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

Complications of hysteroscopy and treatment side effects of ovulation

Timepoint

After hysteroscopy and during treatment for ovulation

Method of measurement

Monitoring vital signs and clinical symptoms

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

Hysteroscopy

Category

Diagnosis

2**Description**

No Hysteroscopy

Category

N/A

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

IVF department of Imam Khomeini Hospital, Ahwaz

Full name of responsible person**Street address****City**

Ahwaz

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

Jundi Shapur University of Medical Sciences, Ahwaz

Full name of responsible person

Dr. Mostafa feqhi

Street addressGolestan Blvd - University of Medical Sciences, Ahwaz
Jondi Shapur**City**

Ahwaz

Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Jundi Shapur University of Medical Sciences, Ahwaz

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**

Jundi Shapur University of Medical Sciences, Ahwaz

Full name of responsible person

Dr. Farideh Maramazi

Position

Infertility Fellowship / Assistant Professor

Other areas of specialty/work**Street address**

Imam Khomeini Hospital - IVF Department

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Web page address**Person responsible for updating data****Contact****Name of organization / entity**

Jundi Shapur University of Medical Sciences, Ahwaz

Full name of responsible person

Doctor Sarahsadat Barati

Position

Resident of Obstetrics and Gynecology

Other areas of specialty/work**Street address****City****Postal code****Phone**

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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***Data Dictionary***empty***Person responsible for scientific inquiries****Contact****Name of organization / entity**

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