

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Sep 2026

The effect of administrating hyoscine before embryo transfer in ART cycles on pregnancy rate

Protocol summary

Summary

This study was a clinical trial on 142 infertile women referring to Infertility Hospital, Imam Khomeini, Ahwaz, Iran. These are women who, according to some experts due to male factor infertility, tubal, ovulatory dysfunction are candidates for ART cycles. In all patients, serum FSH levels below 10 IU / L are. Oocytes harvested 38-36 h after HCG administration can be done. HCG is administered when a follicle at least 18 mm be identified. After the formation of micro injection & embryos formation based on statistical methods for each group of patients are selected. Participants were randomly divided into two groups (Random numbers table is used for this purpose). After the embryo transfer the lower abdomen pain are questioned. Using a visual analogue scale determine and record pain. Patient information including age, duration and cause of infertility, history of ART Endometrial thickness, oocyte numbers, and the transferred embryos, embryos grade, type and number of drugs, agonist or antagonist regimen, type of catheter, and Presence or absence of cramping after embryo transfer recorded data is then analyzed by statistical tests are placed.

General information

Acronym

Hyoscin

IRCT registration information

IRCT registration number: **IRCT2012101711146N1**

Registration date: **2012-12-06, 1391/09/16**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2012-12-06, 1391/09/16

Registrant information

Name

Shiva Kajbaf

Name of organization / entity

Jundishapour Ahwaz University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 61 1337 9098

Email address

kajbaf.sh@ajums.ac.ir

Recruitment status

Recruitment complete

Funding source

Ahwaz Jundishapour University of Medical Science.Vice Chancellor for Research

Expected recruitment start date

2012-12-21, 1391/10/01

Expected recruitment end date

2013-03-05, 1391/12/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of administrating hyoscine before embryo transfer in ART cycles on pregnancy rate

Public title

The effect of hyoscine on pregnancy rate

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criterion: The women who are nominated to ART cycle. Exclusion criterion:contraindication for Hyoscin Bromide.

Age

No age limit
Gender
Female
Phase
2-3
Groups that have been masked
No information
Sample size
Target sample size: **142**
Randomization (investigator's opinion)
Randomized
Randomization description
Blinding (investigator's opinion)
Double blinded
Blinding description
Placebo
Not used
Assignment
Parallel
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ahwaz Jundiahapour University Of Medical Science

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Ahwaz.bulvar of golestan.Juhdishapor University Of Medical Science

City

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Postal code

61257-15794

Approval date

2012-04-07, 1391/01/19

Ethics committee reference number

eth-410

Health conditions studied

1

Description of health condition studied

Infertility

ICD-10 code

N46-N97

ICD-10 code description

-Male infertility-Female infertility

Primary outcomes

1

Description

Pain Ratio

Timepoint

One Hour After Embryo Transfer

Method of measurement

Visual Analogue Scale

Secondary outcomes

1

Description

Pregnancy Ratio

Timepoint

16 Days After Embryo Transfer

Method of measurement

B-HCG TEST

Intervention groups

1

Description

Intervention group: hyoscin injected 30 minute before embryo transfer

Category

Treatment - Drugs

2

Description

Control group: embryo transfer is performed without hyoscin injection

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Emam Hospital. Research & Infertility Ward

Full name of responsible person

Shiva Kajbaf

Street address

Ahwaz.Emam HospitalL

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Ahwaz Jundishapour University of Medical Sciences

Full name of responsible person

Mostafa Fegghi MD

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Grant name

Grant code / Reference number

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

Yes

Title of funding source

Ahwaz Jundishapour 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

Ahwaz Jundishapour University of Medical Sciences

Full name of responsible person

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Position

Gynecology & Obstetric Resident

Other areas of specialty/work

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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