

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Sep 2026

Evaluation of vaginal Misoprostol Effect on pregnancy Rate after IUI

Protocol summary

Summary

The aim of this study is Evaluation of Vaginal Misoprostol Effect on Pregnancy Rate after IUI in Al-Zahra hospital- Rasht. This study will be performed on 210 women (2011-2012) in Rasht, Al-Zahra hospital, After written and informed consent to participate in the survey. The women randomly will be divided into two groups of 105 persons. One group (Intervention group) will be given 200 Mg Vaginal Misoprostol after IUI and the other group (control group) will be given placebo. Any person who involved as executive agents in this study has no information about prescribed drugs. Then, Pregnancy Rate in both groups will be collected and compared. And also, the other factor such as age- kind's infertility- time of infertility- Etiology of infertility- sperm count- sperm motility and number of dominant follicles and their effect on Pregnancy Rate in both groups will be compared by using statistical methods.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201206191306N5**

Registration date: **2012-10-15, 1391/07/24**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2012-10-15, 1391/07/24

Registrant information

Name

Ziba Zahiri

Name of organization / entity

Guilan University of Medical Sciences

Country

Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Vice Chancellor for research – Guilan university of medical sciences

Expected recruitment start date

2012-09-05, 1391/06/15

Expected recruitment end date

2013-03-21, 1392/01/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation of vaginal Misoprostol Effect on pregnancy Rate after IUI

Public title

Evaluation of vaginal Misoprostol Effect on pregnancy Rate after IUI

Purpose

Treatment

Inclusion/Exclusion criteria

The inclusion criteria: patient with infertility's etiology: 1- Male Factor, 2-Onovulatory Factor, that not yet fertile, despite use of Induction Ovulation and production Dominant follicle, 3-Idiopathic infertility, 4-The other reasons such as problems in Intercourse. The exclusion criteria: Other reasons of infertility

Age

From **15 years** old to **45 years** old

Gender

Female

Phase

2

Groups that have been masked
No information

Sample size
Target sample size: **210**

Randomization (investigator's opinion)
Randomized

Randomization description

Blinding (investigator's opinion)
Double blinded

Blinding description

Placebo
Used

Assignment
Parallel

Other design features
-

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Vice Chancellor for research – Guilan university of medical sciences

Street address
Vice Chancellor for research – Guilan university of medical sciences, Namjoo street

City
Rasht

Postal code

Approval date
2012-09-01, 1391/06/11

Ethics committee reference number
1910182904

Health conditions studied

1

Description of health condition studied
Pregnancy, childbirth and the puerperium

ICD-10 code
O94

ICD-10 code description
Sequelae of complication of pregnancy, childbirth and the puerperium

Primary outcomes

1

Description
Pregnancy rate

Timepoint
2 weeks after IUI

Method of measurement

Pregnancy test

Secondary outcomes

empty

Intervention groups

1

Description
Prescription of 200 microgram of Vaginal Misoprostol to intervention group

Category
Treatment - Drugs

2

Description
Prescription of Vaginal Placebo to control group

Category
Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center
AL_Zahra Hospital

Full name of responsible person
Dr Ziba Zahiri

Street address
Reproductive health research Center, Al_Zahra Hospital, Namjoo Street

City
Rasht

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Vice Chancellor for research – Guilan university of medical sciences

Full name of responsible person
Dr Abdol Rasol Sobhani

Street address
Vice Chancellor for research – Guilan university of medical sciences, Namjoo street

City
Rasht

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 – Guilan university of medical sciences

Proportion provided by this source

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

Al_Zahra Hospital, Reproductive Health Research Center

Full name of responsible person

Dr Ziba Zahiri

Position

Associated professor Gilan University of Medical Science

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

Reproductive Health Research Center, Al_Zahra Hospital, Namjoo street

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drzibazahiri@yahoo.com

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

Reproductive Health Research Center

Full name of responsible person

seyedeh maryam mosavi chahardeh

Position

B.S. midwife

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

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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*