

Clinical Trial Protocol

Iranian Registry of Clinical Trials

27 Jun 2026

Evaluation efficacy of vaginal and oral misoprostol on abortion therapy in pregnant women 15-35 years old

Protocol summary

Summary

The purpose of this study is to investigate the effect of misoprostol in abortion therapy. This analysis design is a controlled clinical trial. Inclusion criteria: Pregnant women undergoing therapeutic abortion; aged 15 to 35 years; consent on clinical trials conducted in this study. Exclusion criteria: previous cesarean section; prior uterine myomectomy; allergies and contraindications to the use of prostaglandins; vaginal bleeding before treatment; rupture of Membrana or vaginitis before treatment; dissatisfaction upon entering the study. The sample is 70 pregnant women undergoing therapeutic abortion during 1391-1392 years to treat with misoprostol. After obtaining informed consent and collecting data (age, times of pregnancy, gestational age, indication for therapeutic abortion, a dose-and time-effects and complications of any procedure) in questionnaire, vaginal and oral misoprostol with μ 400 Stat, then μ 200 every 6 hours Up to 48 hours will be treated. Positive therapeutic results is cervical opening and exiting pregnancy product completely that is equal to passage of #6 bogies. If the cervix is not opening or residual D & C is used.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013090414563N1**
Registration date: **2014-01-27, 1392/11/07**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2014-01-27, 1392/11/07

Registrant information

Name

Mozhgan Arman

Name of organization / entity

Golestan University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 17 1442 1651

Email address

m.arman@goums.ac.ir

Recruitment status

Recruitment complete

Funding source

Golestan University of Medical Sciences

Expected recruitment start date

2012-09-22, 1391/07/01

Expected recruitment end date

2014-03-20, 1392/12/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation efficacy of vaginal and oral misoprostol on abortion therapy in pregnant women 15-35 years old

Public title

efficacy of misoprostol on abortion therapy

Purpose

Treatment

Inclusion/Exclusion criteria

The inclusion criteria : pregnant women undergoing therapeutic abortion; aged 15 to 35 years; satisfaction of the trial conducted in this study. The exclusion criteria : previous cesarean section; previous uterine Myomectomy; allergies and contraindications for the use of prostaglandins; vaginal bleeding before treatment; or

rupture of Mambbrane or vaginitis before treatment
;dissatisfaction upon entering the study.

Age

From **15 years** old to **35 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **70**

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Single

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Golestan University of Medical Sciences

Street address

Golestan University of Medical Sciences, SHastkola
Road, Hyrkan boulevard

City

Gorgan

Postal code

4934174515

Approval date

2013-06-19, 1392/03/29

Ethics committee reference number

77392032904

Health conditions studied

1

Description of health condition studied

abortion therapy

ICD-10 code

O04

ICD-10 code description

Medical abortion

Primary outcomes

1

Description

abortion therapy

Timepoint

per 6 hours to 48 hours

Method of measurement

Bougie#(6) passed through the cervix

Secondary outcomes

1

Description

Interval between administration of the drug to induce
abortion..

Timepoint

Interval between Putting tablets in the vagina to induce
abortion

Method of measurement

Per hour

2

Description

Adverse Drug Reactions

Timepoint

when The problem occurred

Method of measurement

researcher Find

3

Description

indication of abortion

Timepoint

when hospitalization

Method of measurement

The researcher identified

Intervention groups

1

Description

Misoprostol 200 micrograms - the 400 and the 200 every
6 hours for 48 hours

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Sayyad SHirazi Hospital

Full name of responsible person

Mozhgan Arman

Street address

Sayad SHirazi Hospital, Boulevard Sayyad SHirazi

City

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Golestan University of Medical Sciences

Full name of responsible person

Mozhgan Arman

Street address

Golestan University of Medical Sciences, SHastkola Road, Hyrkan boulevard

City

Gorgan

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Golestan 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

Golestan University of Medical Sciences

Full name of responsible person

Mozhgan Arman

Position

resident at Obstetrics & Gynecology

Other areas of specialty/work

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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

