

# 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 400 µg Stat, then 200 µg 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 clots. 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 Mambrane 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**

**Street address**

Golestan University of Medical Sciences, SHastkola Road, Hyrkan boulevard

**City**

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**Postal code**

4934174515

**Phone**

+98 17 1442 1651

**Fax**

**Email**

m.arman@goums.ac.ir

**Web page address**

## Person responsible for scientific

## 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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## Person responsible for updating data

#### Contact

**Name of organization / entity**

Golestan University of Medical Sciences

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resident at Obstetrics & Gynecology

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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*

