

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Sep 2026

The effect of adding hyoscine to vaginal misoprostol on shortening the induction time of abortion

Protocol summary

Summary

To investigate the effect of adding hyoscine to vaginal misoprostol on shortening the duration of induction of abortion. 126 pregnant women were indicated for induction of abortion and their gestational age were under 20 weeks. Patients were divided randomly in two equal groups. In one group 400µg vaginal misoprostol every 6 hours (n=63) and the other group 400 µg vaginal misoprostol with hyoscine 20 mg intra venous (n=63) were administered. Their complaints such as nausea, vomiting, diarrhea, vaginal bleeding, fever, hemoglobin changes, getting pain killer, the duration of abortion induction, hospitalized duration were compared between two groups.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201207259491N3**

Registration date: **2012-08-22, 1391/06/01**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2012-08-22, 1391/06/01

Registrant information

Name

Reyhaneh Ramezaninezhad

Name of organization / entity

Qazvin University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 28 1223 6374

Email address

rramezaninezhad@qums.ac.ir

Recruitment status

Recruitment complete

Funding source

Qazvin University of Medical Sciences

Expected recruitment start date

2011-08-23, 1390/06/01

Expected recruitment end date

2012-05-17, 1391/02/28

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of adding hyoscine to vaginal misoprostol on shortening the induction time of abortion

Public title

The effect of adding hyoscine to vaginal misoprostol on shortening the induction time of abortion

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Blighted ovum; Missed abortion; anoma fetus Exclusion criteria: Sever anemia; Quagolopathy; Anti quagulant drugs; Actie liver disease; Heart disease; Uncontrolled seizure; Adrenal disease; IUD; Sensevity to prostaglandins and hyoscine

Age

From **17 years** old to **42 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **126**

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

Qazvin University of Medical Science

Street address

Bahonar bolvar

City

Qazvin

Postal code

34197-59811

Approval date

2012-06-10, 1391/03/21

Ethics committee reference number

28/20/5943

Health conditions studied

1

Description of health condition studied

Induction of abortion

ICD-10 code

p96.4

ICD-10 code description

Termination of pregnancy, affecting fetus and newborn

Primary outcomes

1

Description

Opening of internal OS of cervix

Timepoint

Before vaginal misoprostol, after vaginal bleeding

Method of measurement

Vaginal exam, open or close of internal os of cervix

Secondary outcomes

1

Description

Nausea, vomiting, fever, vaginal bleeding, taking pain killers, hemoglobin changes, diarrhea

Timepoint

after putting vaginal misoprostole the symptoms asked, hemoglobin measured on admission and 6 hours after curtage

Method of measurement

physician

Intervention groups

1

Description

Intervention: 400 microgram vaginal misoprostal every 6 hours with single dose hyoscine 20mg intra venous take.

Category

Treatment - Drugs

2

Description

Control: 400 microgram vaginal misoprostol every 6 hours with single dose 20 cc normal saline taken intra venus in serum.

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Kosar Hospital

Full name of responsible person

Samira Ghaffari

Street address

Taleghani Street

City

Qazvin

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Qazvin university of Medical Science

Full name of responsible person

Mrs Shamekhi

Street address

Bahonar Bolvar

City

Qazvin

Grant name

Grant code / Reference number

Is the source of funding the same sponsor

organization/entity?

Yes

Title of funding source

Qazvin university of Medical Science

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**

Kosar Hospital

Full name of responsible person

Haj Seyyed Javadi Ezzatolsadat

Position

Assistant Professor of Qazvin University of Medical Science

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

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

Kosar hospital

Full name of responsible person

Samira Ghaffari

Position

Resident of obstetric and Gynecology of Qazvin University Of Medical Science

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

Number 22, Ziba Street, Shariati Street

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samira_ghaffari@hotmail.com,rramezaninezhad@qums.ac.ir

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**

Kosar HOSPITAL

Full name of responsible person

Hajseyyed Javadi Ezzatosadat

Position

Assistant Professor of Qazvin University of Medical Science

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