Clinical Trial Protocol
Iranian Registry of Clinical Trials

04 Nov 2026

The effect of adding hyoscine to vaginal misoprostol on shotening 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 complains 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)

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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 shotening the induction time of abortion

Public title

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

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:Blighted ovum;Missed abortion;anomal 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 6hours after curtage
Method of measurement
physcian

Intervention groups

1

Description
Intervention:400 microgram vaginal misoprostal every 6hours 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
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Person responsible for updating data

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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