

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Sep 2026

Influence of Aloe Vera and Calendula on wound healing and pain of episiotomy

Protocol summary

Summary

My objective is to test the effects of aloe vera and calendula ointment on pain relief and wound healing of episiotomy. 111 women who have episiotomy will be randomly divided into 2 intervention and 1 control group. One of the Intervention groups will use aloe vera ointment the other group will use calendula ointment on episiotomy incision every 8 hours. Control group will not use anything on episiotomy incision. Our scale to check the pain reliving is VAS ruler. We check the pain before intervention then 4 and 8 hours and 5 days after intervention. Our scale to check the wound healing is REEDA table. We check the healing process before and 5 days after intervention.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138805102248N2**
Registration date: **2010-12-09, 1389/09/18**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2010-12-09, 1389/09/18

Registrant information

Name

Fereshteh Jahdi

Name of organization / entity

Tehran University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

00982188773073,00982182471404

Email address

f.jahdi@iums.ac.ir

Recruitment status

Recruitment complete

Funding source

Iran University of Medical Sciences

Expected recruitment start date

2010-08-01, 1389/05/10

Expected recruitment end date

2011-01-30, 1389/11/10

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Influence of Aloe Vera and Calendula on wound healing and pain of episiotomy

Public title

Influence of Aloe Vera and Calendula on wound healing and pain relief of episiotomy

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: being primiparous, Not having physical and psychological diseases, Not to use tobacco, drugs and alcohol. Exclusion criteria: heart, respiratory or renal disease, eclampsia and preeclampsia, history of allergies to special medicine, laceration, pregnancy membrane prolonged more than 24 hours, fast labor, drug addiction, vulva and vaginal symptomatic inflammation, creation of hematoma in episiotomy during the first 24 hours, taking medication more than routine when admitted in hospital

Age

No age limit

Gender

Female

Phase

2-3

Groups that have been masked

No information

Sample size

Target sample size: 111

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Single blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

School of Nursing and Midwifery, Iran University of Medical Sciences

Street address

In front of Khatam hospital, Yasemi street

City

Tehran

Postal code

19395/4798

Approval date

2010-07-19, 1389/04/28

Ethics committee reference number

1743704

Health conditions studied

1

Description of health condition studied

wound healing and pain of the episiotomy

ICD-10 code

O75.9

ICD-10 code description

Complication of labour and delivery, unspecified

Primary outcomes

1

Description

Pain intensity of episiotomy

Timepoint

before intervention then 4 and 8 hours and 5 days after intervention.

Method of measurement

Visual Analogue Scale

Secondary outcomes

1

Description

Healing of episiotomy

Timepoint

before intervention and 5 days after episiotomy

Method of measurement

REEDA Scale

Intervention groups

1

Description

Grope 1: mothers put aloe vera on episiotomy 3 times a day until 5 days after birth

Category

Treatment - Drugs

2

Description

Grope 2: mothers put calendula on episiotomy 3 times a day until 5 days after birth

Category

Treatment - Drugs

3

Description

Control group follow the routine of the hospital

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Lolagar hospital

Full name of responsible person

Farideh Egdampour

Street address

Khosh street

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Iran University of Medical Sciences

Full name of responsible person

Dr. Motevalian, Vice Chancellor for research of Iran

University of Medical Sciences
Street address
 Shahid hemat highway
City
 Tehran
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
 Yes
Title of funding source
 Iran 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
 School of Nursing and Midwifery, Iran University of Medical Sciences
Full name of responsible person
 Farideh Egdampour
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 master of science student
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Person responsible for updating data

Contact

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