

Clinical Trial Protocol

Iranian Registry of Clinical Trials

28 Sep 2026

The effect of living room of hydro-alcoholic extract of grass plant on repair of episiotomy wounds of nulliparous women delivered in Salman Farsi city hospital in Bushehr in 1395.

Protocol summary

Summary

This study was a double-blind clinical trial with the aim of investigating the effect of bathing the hydroalcoholic extract of grass extract on episiotomy ulcer in nulliparous women who were delivered at Salman Farsi Hospital in Bushehr in 1395. Episiotomy means the cutting of the superficial muscles and the skin and the vaginal wall, and in the second stage of labor, the perineal tissue is given to widen the ulcer output at birth. 60 primitive women referring to Salman Farsi Hospital for normal delivery, after obtaining satisfaction and control of entry and exit criteria, are randomly selected by permutation block method as research units in two groups of herbal and placebo. For the first 4 hours after the episiotomy repair is completed before the intervention, after washing the episiotomy with wate, 10 cc of the hydroalcoholic extract of the grass extract from the crucible is dissolved in 5 liters of water and the mother sits in the solution for 10 minutes, and 2 lt uses the bath within 7 days of delivery. Then, 4 hours after the end of episiotomy repair before the intervention, and on the third, seventh and tenth days by Rida Instruments, 5 criteria for wound healing include redness, swelling, bruising, wound secretion, and wound edema affinity.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016120331219N1**

Registration date: **2017-07-03, 1396/04/12**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2017-07-03, 1396/04/12

Registrant information

Name

Zahra Yazdanpanahi

Name of organization / entity

Shiraz university of medical sciences

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Recruitment status

Recruitment complete

Funding source

vice chancellor for research Shiraz University of medical sciences

Expected recruitment start date

2017-04-21, 1396/02/01

Expected recruitment end date

2017-06-22, 1396/04/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of living room of hydro-alcoholic extract of grass plant on repair of episiotomy wounds of nulliparous women delivered in Salman Farsi city hospital in Bushehr in 1395.

Public title

The effect of myrrh in healing episiotomy

Purpose

Treatment

Inclusion/Exclusion criteria

Major entry into the study: Primipara; gestational age of 42-37 weeks; normal delivery with middle-episiotomy; Monogamous; cephalic presentation; pre-pregnancy BMI in the range of 25>; no history of regenerative surgery on the vagina and perineum; Absence of specific disease (anemia, cardiovascular disease, diabetes, immune disease, liver disease, depression, absence of coagulation disorders, preeclampsia and infectious diseases); the absence of extension of the cutaneous length and the degree of rupture of the third and fourth Or rupture other than episiotomy; non-smoking during pregnancy; absence of varicose veins in the perineum; There are no genital warts and STDs; the baby is not large and not accompanied by dystocia; lack of proximity and heavy work. Major outcomes of the study: Manual exits; Abnormal vaginal bleeding postpartum; Hematoma formation; Postpartum fever and chills (fever equal to or greater than 38 ° C); Perineal manipulation after delivery; Creation of episiotomy site infection; The need for resection of the episiotomy; the use of any other cream or ointment other than what the researcher received; the skin sensitization resulting from the use of the hydroalcoholic extract of the grass plant; the unwillingness to continue the study; the lack of use According to orders.

Age

No age limit

Gender

Female

Phase

3

Groups that have been masked

No information

Sample size

Target sample size: 60

Randomization (investigator's opinion)

Randomized

Randomization description**Blinding (investigator's opinion)**

Double blinded

Blinding description**Placebo**

Used

Assignment

Parallel

Other design features

Block permutation methods

Secondary Ids

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Ethics committee of Shiraz university of Medical Sciences

Street address

Zand Street, Shiraz University of Medical Sciences

Central building.

City

Shiraz

Postal code

71345-1978

Approval date

2017-03-12, 1395/12/22

Ethics committee reference number

IR.SUMS.REC.1395.205

Health conditions studied**1****Description of health condition studied**

Episiotomy wound healing

ICD-10 code

O90.1

ICD-10 code description

Disruption of perineal obstetric wound

Primary outcomes**1****Description**

Repair episiotomy wounds

Timepoint

Day three, seventh and tenth after childbirth

Method of measurement

Rida Tool

Secondary outcomes**1****Description**

Episiotomy wound healing

Timepoint

Day three, seventh and tenth after childbirth

Method of measurement

Rida Tool

Intervention groups**1****Description**

In the intervention group, 10 cc of Hydroalcoholic Extract were dissolved in 5 liters of water and taken twice a day for 7 days in the form of a bath in the living room.

Category

Treatment - Drugs

2**Description**

In the control group, 10 cc of the placebo were dissolved in 5 liters of water and treated twice daily for 7 days in the form of a bath.

Category

Recruitment centers

1

Recruitment center

Name of recruitment center

Salman Farsi Hospital

Full name of responsible person

Zahra Sarbaz

Street address

Three streets Social Security, Sbzabad Street.

City

Bushehr

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research Shiraz university of medical sciences

Full name of responsible person

Dr.Masum Masumpur

Street address

Shiraz University of Medical Sciences, Shiraz headquarters,Zand Street,Shiraz

City

Shiraz

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Vice chancellor for research Shiraz 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, Shiraz University of Medical Sciences

Full name of responsible person

Zahra Yazdanpanahi

Position

Master of midwifery

Other areas of specialty/work

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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