Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 2026

Influence of warm compress on prevention of perineal trauma and second stage pain intensity in primiparous with delayed valsalva maneuver referred to selected hospital of Shiraz university of medical sciences 90-91

Protocol summary

Summary

Purpose: introduce intentional and non-intentional injuries present a method for preventing and reducing perinea pain during the second stage of labor. Study is a randomized clinical trial. After visiting the hospital authorities to allow the written satisfaction of the people participating in the project, 75 people in two separate groups experience and Inclusion criteria: gestational age 37-42 weeks; primiparous; OA; single fetus; show vertex; no cpd; no history of any medical condition and no risk of preeclampsia. Exclusion criteria: use of forceps or vacuum and prolonged second stage of delivery more than 2 hours. For control group is take in the routine care and in experience group when the cervix was fully dilated descent of fetal head and spine area was warm compresses can be used prior to the boiling water is heated to 70 degrees warm compresses placed inside a sterile towel and15-20 minutes for women in labor can be placed on the perinea and warm compresses should be 37-40 degrees temperature and she is asked no to force, then the postpartum perineal injury severity pain rate of delivery and using Mc Gill and check list is investigated. After entering the information with software spss statistical analysis of the formulations are used.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2012072410327N2**
Registration date: **2012-10-24, 1391/08/03**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2012-10-24, 1391/08/03

Registrant information

Name
Farideh Vaziri
Name of organization / entity
Shiraz University of Medical Sciences
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Recruitment status

Recruitment complete

Funding source

Shiraz University of Medical Sciences

Expected recruitment start date

2012-06-09, 1391/03/20

Expected recruitment end date

2012-11-19, 1391/08/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Influence of warm compress on prevention of perineal trauma and second stage pain intensity in primiparous with delayed valsalva maneuver referred to selected hospital of Shiraz university of medical sciences 90-91

Public title

Warm compress on the injury severity of perineal pain in labor

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: gestational age 37-42 weeks; primiparous; OA; single fetus; show vertex; no cpd; no history of any medical condition and no risk of preeclampsia. Exclusion criteria: use of forceps or vacuum and prolonged second stage of delivery more than 2 hours.

Age

From **18 years** old to **35 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **150**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Shiraz University of Medical Sciences Ethics Committee

Street address

Zand strret

City

Shiraz

Postal code

719351314

Approval date

2012-06-09, 1391/03/20

Ethics committee reference number

CT-91-6042

Health conditions studied

1

Description of health condition studied

Childbirth

ICD-10 code

O80.0

ICD-10 code description

Spontaneous vertex delivery

Primary outcomes

1

Description

Perineal trauma

Timepoint

After deliviry

Method of measurement

Chek list

2

Description

The pain od the second stage of labor

Timepoint

Immediately after deliveryand one day after delivery

Method of measurement

McGill ruller

Secondary outcomes

1

Description

The lenght of rupture

Timepoint

After intervention

Method of measurement

Centimeter

2

Description

Intensity of pain

Timepoint

Immediately after delivery and one day after delivery

Method of measurement

McGill ruler

Intervention groups

1

Description

control:Routine care

Category

Prevention

2

Description

intervention group:Full cervical dilatation was opened in the thorns Askyal head fetal intervention was to use hot compresses on the perineum is used for 15-20 minutes and the Valsalva maneuver may delay

Category
Prevention

Recruitment centers

1

Recruitment center
Name of recruitment center
shoshtari hospital
Full name of responsible person
vaziri farideh
Street address
baskol nader street
City
shiraz

2

Recruitment center
Name of recruitment center
hazrat zynab hospital
Full name of responsible person
vaziri farideh
Street address
khatoon square
City
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Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Vice chancellor for research,sums
Full name of responsible person
Dr Gholamreza Hatam
Street address
seventh floor of Shiraz university of medical sciences and health services, Zand blvd
City
shiraz
Grant name
ردیف بودجه های تصویب شده دانشگاهعلوم پزشکی شیراز
Grant code / Reference number
ردیف بودجه های تصویب شده دانشگاه
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Vice chancellor for research,sums
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
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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