Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 2026

Influence of warm compress bi-stage intervention on prevention of perineal trauma and second stage pain intensity and duration the first stage and second stage in primiparous with delayed valsalva maneuver referred to selected hospital of Shiraz university of medical science 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 dilated 7 cm from the warm compress and we use when Full cervical dilatation was opened in the spine 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: **IRCT2012111211422N1**
Registration date: **2013-03-16, 1391/12/26**
Registration timing: **retrospective**
Last update:
Update count: **0**

Registration date

2013-03-16, 1391/12/26

Registrant information

Name

Mahnaz Farahmand

Name of organization / entity

Shiraz University of Medical Sciences

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Iran (Islamic Republic of)

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+98 71 1627 9131

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Recruitment status

Recruitment complete

Funding source

Shiraz University of Medical Sciences

Expected recruitment start date

2012-08-10, 1391/05/20

Expected recruitment end date

2012-11-30, 1391/09/10

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Influence of warm compress bi-stage intervention on prevention of perineal trauma and second stage pain intensity and duration the first stage and second stage in primiparous with delayed valsalva maneuver referred to selected hospital of Shiraz university of medical science

91

Public title
Warm compress on the injury severity of perinea 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
Street address
zand street
City
Shiraz
Postal code
719351314
Approval date
2012-10-07, 1391/07/16
Ethics committee reference number
CT-91-6272

Health conditions studied

1

Description of health condition studied
Childbirth
ICD-10 code
O80.0
ICD-10 code description
Spontaneous vaginal delivery

Primary outcomes

1

Description
Perineal trauma
Timepoint
Immediatly after childbirth
Method of measurement
Chek list

2

Description
The intensity of pain in second stage of labour
Timepoint
One hour after delivery
Method of measurement
McGill ruler

Secondary outcomes

1

Description
The lenght of rupture
Timepoint
After childbirth
Method of measurement
Meter

2

Description
Intensity of pain
Timepoint
One hour after delivery
Method of measurement
McGill ruler

Intervention groups

1

Description
control:Routine care
Category
Prevention

2

Description
I ntervention group: when the cervix was dilated 7 cm

from the warm compress and we usewhen Full cervical dilatation was opened in thes spine 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

Akbarzadeh marzieh

Street address

Namazi squre

City

Shiraz

2

Recruitment center

Name of recruitment center

Hazrat zynab hospital

Full name of responsible person

Akbarzadeh marzieh

Street address

Namazi squre

City

Shiraz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research، Shiraz University of Medical Sciences

Full name of responsible person

Dr Gholamreza Hatam

Street address

Zand street

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

Shiraz University of Medical Sciences

Full name of responsible person

Akbarzadeh

Position

Ms in 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