Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Jun 2026

Comparison of the effects of lidocaine pomade , indomethacin suppository and mefenamic acid on the relief of post episiotomy pain in primiparous women

Protocol summary

Summary

The aim of this study is to compare the lidocaein pomad, Indomethacin suppository and mefenamic acic capsule on the pain of post episiotomy.The primiparous women with singleton pregnancy and 38-42 weeks of gestation will participate in the study.The sample size is ninety and the women will randomely allocated to three groups receiving the indomethacin, lidocaein and mefenamic acid . For data collection, we will use visual analogue scale to assess the severity of pain . At the time of arriving the women to post delivery ward, with complain of pain, the severity of perineal pain will detect and then the drugs will given.The first group will receive the 50 mg indomethacin, the second group will receive the lidocaein and the third group will receive the 250 mg mefenamic acid . Pain scores will assess in 2-6-12 and 24 hours after the delivery. If nessessary ,we will repeat the drugs every 6-8 hours until 24 hours after the delivery .The drugs will administrated by the obstetrician and all of women will receive the standard prenatal care in three groups .Inclusion criteria are: medio-lateral episiotomy, length of episiotomy <5 cm, no forceps and vacuum, no currage and the equal of lidocaein infiltration for episiotomy .Exclusion criteria are: laceration of perineum, length of episiotomy >5 cm, use of forceps and vacuum,currage and inflammation of perineum

General information

Acronym

Episiotomy

IRCT registration information

IRCT registration number: **IRCT201104253078N7**
Registration date: **2011-07-15, 1390/04/24**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2011-07-15, 1390/04/24

Registrant information

Name

Masoumeh Delaram

Name of organization / entity

Shahrekord University of Medical Sciences

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Recruitment status

Recruitment complete

Funding source

Research deputy , Shahrekord University of Medical Sciences

Expected recruitment start date

2011-05-31, 1390/03/10

Expected recruitment end date

2012-05-30, 1391/03/10

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of the effects of lidocaine pomade , indomethacin suppository and mefenamic acid on the relief of post episiotomy pain in primiparous women

Public title

The relief of post episiotomy pain

Purpose
Treatment
Inclusion/Exclusion criteria
Inclusion Criteria : The primiparous women with episiotomy Exclusion Criteria : The primiparous women with episiotomy
Age
No age limit
Gender
Female

Phase
N/A
Groups that have been masked
No information
Sample size
Target sample size: **90**
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
The Ethics committee of Shahrekord University of Medical Sciences
Street address
Shahrekord -Shahrekord University of Medical Sciences
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Postal code
-
Approval date
2011-06-28, 1390/04/07
Ethics committee reference number
9-4-90

Health conditions studied

1

Description of health condition studied
Post Episiotomy Pain
ICD-10 code
O86.0
ICD-10 code description
Pregnancy, childbirth and the puerperium

Primary outcomes

1

Description
Reduction of post episiotomy pain
Timepoint
2-6012 and 24 hours after delivery
Method of measurement
Visual Analogue Scale

Secondary outcomes

1

Description
Patient satisfaction
Timepoint
At the end of intervention
Method of measurement
Question of women

Intervention groups

1

Description
Group 1: The recipient of lidocaein pomad 2% on the episiotomy line and repeat every 6-8 hours until 24 hours after the delivery
Category
Treatment - Drugs

2

Description
group 2: The recipient of 100 mg indomethacin suppository and repeat every 6-8 hours until 24 hours after the delivery
Category
Treatment - Drugs

3

Description
Group 3: The recipient of 250 mg mefenamic Acid capsule and repeat every 6-8 hours until 24 hours after the delivery
Category
Treatment - Drugs

Recruitment centers

1

Recruitment center
Name of recruitment center
Hajar Hospital in Shahrekord

Full name of responsible person
Masoumeh Delaram
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Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Research Council Of Shahrekord University of Medical Sciences
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City
Shahrekord
Grant name
466-71-01-1389
Grant code / Reference number
1389-01-71-466
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Research Council Of Shahrekord 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

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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