Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 2026

Comparison of the Effect of Chamomila Matricaria and Mefnamic Acid capsules on post partum pain and hemorrhage

Protocol summary

Summary

This is a double-blind clinical trial study that compares the effects of chamomila matricaria and mefenamic acid on post partum pain and hemorrhage .Sample size are70 multiparous women that delivery in the Ommolbanin hospital in Mashhad city. The samples are divided randomaly into two groups A and B. Inclusion criteria: normal vaginal delivery,live birth, gestational age:37 to 42, multiparity, neonatal weight is 2500-4000 gr, singleton,having moderate or sever afterpain based on a visual scale . bleeding measure after completion of Third labour until the intervention time and 6 hours after the intervention per hour with weight of pad and cotton sheet. Using the visual analogue scale, after pain determine during two to four hours after delivery if their pain is moderate or sever they are taking a chamomila capsual 1000mg or a mefnamic acid capsual 250mg. Intensity of pain and bleeding are measured and Recorded before Medication and one, two, three, four, five, six after medication .

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015050322053N1**
Registration date: **2015-06-25, 1394/04/04**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2015-06-25, 1394/04/04

Registrant information

Name

Maliheh Rezvanifard

Name of organization / entity

Mashhad University of Medical Sciencess

Country

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Recruitment status

Recruitment complete

Funding source

Mashhad University of Medical Sciences

Expected recruitment start date

2015-01-12, 1393/10/22

Expected recruitment end date

2015-06-12, 1394/03/22

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of the Effect of Chamomila Matricaria and Mefnamic Acid capsules on post partum pain and hemorrhage

Public title

Comparison of the Effect of Chamomila Matricaria and Mefnamic Acid capsules on post partum pain and hemorrhage

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: age :18- 35 years, normal vaginal delivery,live birth, gestational age:37 to 42, multiyparity, cephalic presentation, neonatal weight is 2500-4000 gr, singleton,having moderate or sever afterpain based on a visual scale, no consumption of benzodiazepine , barbiturates, narcotics, alcohol, aspirin, warfarin and

heparin 11, no sensitive to Chamomila, no history of medical illness, no cesariansection history, no sever bleeding, No rupture of the cervix and uterus, no history of postpartum hemorreage, no addiction of mother to drugs and alcohol, no high risk pregnancy, no rupture of membranes more than 12 hours. Exclusion criteria: mother's unwillingness to continue to participate In study, sever bleeding

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: **70**

Randomization (investigator's opinion)
Randomized

Randomization description

Blinding (investigator's opinion)
Double blinded

Blinding description

Placebo
Not used

Assignment
Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Mashhad University of Medical Sciences

Street address
Doctora intersection. Ibn Sina Street

City
mashhad

Postal code

Approval date
2014-11-18, 1393/08/27

Ethics committee reference number
930272

Health conditions studied

1

Description of health condition studied
after pain

ICD-10 code
Z39

ICD-10 code description
Postpartum care and examination

2

Description of health condition studied
post partum hemorreage

ICD-10 code
O72.1

ICD-10 code description
Haemorrhage following delivery of placenta

Primary outcomes

1

Description
The intensity of after pain

Timepoint
Two to four hours after delivery Up to six hours of intervention per hour

Method of measurement
visual analog scale

2

Description
postpartum hemorreage

Timepoint
after completion of the third stage of labor uo to Six hours after the intervention per hour

Method of measurement
weight pad and cotton sheets

Secondary outcomes

empty

Intervention groups

1

Description
Intervention 1: An Chamomila Matricaria capsules 1000mg 2 to 4 hours after birth

Category
Treatment - Drugs

2

Description
Intervention 2: Mefenamic Acid capsule 250mg 2 to 4 hours after birth

Category
Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center
Omolbanin Hospital

Full name of responsible person
Maliheh Rezvanifard

Street address
Mashhad University of Medical Sciences
City
Mashhad

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Mashhad University of Medical Sciences
Full name of responsible person
Mohsen tafaghodiy
Street address
University Avenu, Central Organization of Mashhad University of Medical Sciences
City
Mashhad
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Mashhad 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
Mashhad University of Medical Sciences
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Person responsible for scientific inquiries

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Person responsible for updating data

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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