

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 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 are 70 multiparous women that delivery in the Ommolbanin hospital in Mashhad city. The samples are divided randomly 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 severe 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 severe they are taking a chamomila capsul 1000mg or a mefenamic acid capsul 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 Sciences

Country

Iran (Islamic Republic of)

Phone

+98 51 3840 2926

Email address

rezvanifardm911@mums.ac.ir

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, multiparity, cephalic presentation, neonatal weight is 2500-4000 gr, singleton, having moderate or severe 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 hemorrhage, 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 hemorrhage

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 hemorrhage

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

Full name of responsible person

Maliheh Rezvanifard

Position

Graduate Student Midwives

Other areas of specialty/work**Street address**

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Fax**Email**

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Web page address**Person responsible for scientific****inquiries****Contact****Name of organization / entity**

Mashhad University of Medical Sciences

Full name of responsible person

Zahra Abedian

Position

Master of Midwifery

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Maliheh

Position

Graduate Student Midwives

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Web page address**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