

Clinical Trial Protocol

Iranian Registry of Clinical Trials

04 Aug 2026

The comparison of Fennel and Mefenamic Acid effects on post partum after pain

Protocol summary

Summary

After pain is a complication occurring during postpartum, which requires an appropriate analgesic to relieve the pain. This is a single-blind clinical trial study that compares the effects of fennel and mefenamic acid on post partum after pain in women. Sample size is containing 90 postpartum women in two groups, the fennel as case and Mefenamic acid as the control group. Inclusion criteria: normal vaginal delivery; gestational age: 37 to 42 weeks; post partum women with after pain; literate women; woman's with infant weight range about 2500-4000 g. When women complains of moderate or high levels of pain, first, their pain will measure with a ruler and randomly use Mefenamic acid or fennel capsules for them. then before and 1 hour after each intervention Pain will measure with a ruler. In addition, during the research, if the pain continues despite of these drugs, using of any sedative drugs for mothers are permitted.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014020515338N2**

Registration date: **2014-05-20, 1393/02/30**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2014-05-20, 1393/02/30

Registrant information

Name

Shahnaz Golian Tehrani

Name of organization / entity

Nursing and Midwifery faculty

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Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Sponsor 1 : Tehran University of Medical Science research

Expected recruitment start date

2014-06-05, 1393/03/15

Expected recruitment end date

2014-08-06, 1393/05/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The comparison of Fennel and Mefenamic Acid effects on post partum after pain

Public title

Evaluation of fennel effect on post partum after pain

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: 1- normal vaginal delivery; 2- gestational age: 37 to 42 weeks; 3- post partum women with after pain; 4- literate women; 5- woman's with infant weight range about 2500-4000 g; 6- women without difficult or prolonged labor; 7- No addiction; 8- No herbal allergy history; 9- No cesarean section and abdominal surgery history; 10- No postpartum hemorrhage history; 11- No underlying disease. Exclusion criteria: if drugs could not sedate the mother and other interventions was

necessary; history of ulcers or gastrointestinal bleeding.

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**

Tehran University of Medical Sciences

Street address

Keshavarz Boulevard, Ghods St. Central Organization of University, The Sixth Floor

City

Tehran

Postal code**Approval date**

2014-03-15, 1392/12/24

Ethics committee reference number

92/3021/130/3

Health conditions studied**1****Description of health condition studied**

postpartum after pain

ICD-10 code

Z39

ICD-10 code description

Postpartum care and examination

Primary outcomes**1****Description**

The intensity of after pain

Timepoint

Before intervention & 1 hour after intervention

Method of measurement

Visual pain scale

Secondary outcomes**1****Description**

side effect

Timepoint

After the last dose

Method of measurement

Questionnaire

Intervention groups**1****Description**

Intervention group1: Fennel, capsule 30mg oral- per 6 hours for 24 hours, brand name : Fennelin Manufacturer : barijessence

Category

Treatment - Drugs

2**Description**

Mefenamic Acid, oral Capsule, 250 mg, per 6 hours for 24 hours, brand name: Ponstan , Manufacturer: Razak

Category

Treatment - Drugs

Recruitment centers**1****Recruitment center****Name of recruitment center**

Beharlu Hospital

Full name of responsible person

ashraf soltani moghaddam

Street address

Rahahan Square; Behdari; Tehran, Iran

City

Tehran

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Tehran University of Medical Science research

Full name of responsible person

Dr Fotoohi Akbar

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Keshavarz BLD, Ghods street, Central building of

Tehran University of Medical Sciences
City
 Tehran
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
 Yes
Title of funding source
 Tehran University of Medical Science research
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
 Tehran University of Medical Science
Full name of responsible person
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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