Clinical Trial Protocol
Iranian Registry of Clinical Trials

09 Nov 2026

Effect of Parpin Ala Capsule on the Postpartum Pain and Hemorrhage Volume

Protocol summary

Study aim
Effect of portulaca Oleracea Capsule on Postpartum pain and hemorrhage volume
Design
Two arm parallel group randomised trial with blinded postoperative care and outcome assessment
Settings and conduct
Two arm parallel group randomised trial with blinded postoperative care and outcome assessment. will be done on 106 fertilized mothers who will naturally be delivered to the maternity ward of Shahid Akbar Abadi Clinic, affiliated to Iran University of Medical Sciences in 1396the researcher and the statistical analyst, are not aware of any individuals located in the studied groups.Mothers were randomly divided into two groups (A) and Group B (placebo) by random sampling with Excel software.
Participants/Inclusion and exclusion criteria
Vaginal delivery, noliparity,the reproductive ages,the possibility of taking on oral drug,the lack of sensitivity to herbal medicine,non use of drug addiction and no deed to have surgery delivery
Intervention groups
he intervention group took parpin ala capsules each containing 500 mg portulaca oleracea extracts. The control group was treated with the same course and duration; instead, they took placebo for two whole menstruation cycles
Main outcome variables
Hemorrhage Volume, Pain severity

General information

Reason for update
Acronym
IRCT registration information
IRCT registration number: **IRCT20180428039454N1**
Registration date: **2018-05-31, 1397/03/10**
Registration timing: **retrospective**
Last update: **2018-05-31, 1397/03/10**
Update count: **0**
Registration date
2018-05-31, 1397/03/10

Registrant information
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Samira Shiralinezhad
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Recruitment status
Recruitment complete
Funding source

Expected recruitment start date
2018-03-13, 1396/12/22
Expected recruitment end date
2018-05-20, 1397/02/30
Actual recruitment start date
empty
Actual recruitment end date
empty
Trial completion date
empty

Scientific title
Effect of Parpin Ala Capsule on the Postpartum Pain and Hemorrhage Volume

Public title
Effect of Portulaca Oleracea Capsule on the Postpartum Pain and Hemorrhage
Purpose
Treatment
Inclusion/Exclusion criteria
Inclusion criteria:

Vaginal Delivery Nolipar The reproductive ages The possieility of taking an oral drug Lack of history of medical and psychological disease The lack of sensitivity to herbal medicine Non-use of drug addiction No need to have surgery after delivery

Exclusion criteria:

Obesity and BMI above 35 Cesarean /section Multiple births Polyhydramnios Pre_eclampsia The lower the hemogolobin of 9

Age

From **15 years** old to **35 years** old

Gender

Female

Phase

N/A

Groups that have been masked

- Participant
- Investigator
- Data analyser

Sample size

Target sample size: **106**

Randomization (investigator's opinion)

Randomized

Randomization description

Mothers were randomly divided into two groups (A) and Group B (placebo) by random sampling with Excel software. In both groups, mefenamic acid is given as a routine diphtheria. In group A or in the intervention group, half an hour after receiving mefenamic acid, the capsule is given purpel, and in group B, which is the control group, half an hour after receiving mefenamic acid in the placebo capsule It will be given.

Blinding (investigator's opinion)

Double blinded

Blinding description

Two arm parallel group randomised trail with blinded postoperative care and outcome assissment. So that the study group and researcher are not aware of any individuals located in the studied groups. Mothers were randomly divided into two groups (A) and Group B (placebo) by random sampling with Excel software. In both groups, mefenamic acid is given as a routine dwelling.

Placebo

Used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of iran University of Medical Sciences

Street address

No 87.panahi Ave. Mahdie Town.eslamshahr City

City

Eslamshahr

Province

Tehran

Postal code

3313661933

Approval date

2018-03-13, 1396/12/22

Ethics committee reference number

IR.IUMS.FMD.REC.1396.9411373009

Health conditions studied

1

Description of health condition studied

postpartum pain

ICD-10 code

Z39

ICD-10 code description

Postpartum care and examination

2

Description of health condition studied

Postpartum hemorrhage

ICD-10 code

O72.1

ICD-10 code description

Other immediate postpartum hemorrhage

Primary outcomes

1

Description

After pain delivery

Timepoint

the first 24 hours after delivery ,Half an hour after the first and second follow up (Every 12 hours one number capsul 500 mgr).

Method of measurement

Visual analoge scale

2

Description

Hemorrhage volume

Timepoint

Weight gain of the pads after each change during the first 24 hours after delivery

Method of measurement

Japanese Digital scales

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group: Intervention proup 500 mgr parpin ala capsul, the first 24 hours after delivery ,Every 12 hours one number
Category
Treatment - Drugs

2

Description
Control group:A placebo capsule containing corn starch weighing about 10 grams carbohydrates (one serving of bread),the first 24 hours after delivery ,Every 12 hours one number
Category
Treatment - Drugs

Recruitment centers

1

Recruitment center
Name of recruitment center
Akbar abadi hospital
Full name of responsible person
Samira shiralinezhad
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Molavi Road. Akbar abadi hospital
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Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Iran University of Medical Sciences
Full name of responsible person
Kazem malakuti
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Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Iran University of Medical Sciences
Proportion provided by this source
100
Public or private sector
Public
Domestic or foreign origin
Domestic
Category of foreign source of funding
empty
Country of origin
Type of organization providing the funding
Industry

Person responsible for general inquiries

Contact
Name of organization / entity
Iran University of Medical Sciences
Full name of responsible person
Samira shiralinezhad
Position
Midwifery
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Person responsible for updating data

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Sharing plan

Deidentified Individual Participant Data Set (IPD)
No - There is not a plan to make this available

Justification/reason for indecision/not sharing IPD
There was no more information.

Study Protocol
No - There is not a plan to make this available

Statistical Analysis Plan
No - There is not a plan to make this available

Informed Consent Form
No - There is not a plan to make this available

Clinical Study Report
No - There is not a plan to make this available

Analytic Code
No - There is not a plan to make this available

Data Dictionary
No - There is not a plan to make this available