

Clinical Trial Protocol

Iranian Registry of Clinical Trials

22 Jul 2026

The effect of oral dill drop on flatulence in patient post cesarean in Sabzevar Mobini hospital

Protocol summary

Summary

One of the side effects of postoperative is abdominal distension or air retention in intestines that due to slowing of peristalsis induced of anesthesia, manipulation of Intestine and inactivity occurs. Sutures due to the abdomen retention are under pressure and opening of sutures after cesarean is more prevalent than any other abdominal surgery. In this study, the effect of dill for reducing flatulence, pain and nausea after the cesarean was reviewed. Hospitalized Women in after cesarean section in Sabzevar MOBINI hospital that had inclusion criteria and didn't have exclusion criteria interred to this study. Randomly individuals divided into two groups of 64 and after disconnecting the serum and drinking tea, took 40 drops of dill or placebo in 30 cc of urban water, 3 times within 20 minutes. Herbal drop and placebo were similar in terms of size and color, and researcher & patients were unaware of its nature. Severity of flatulence, pain and nausea by using a visual simulation in six colors on a scale of 0 to 5, respectively, (Green) 0: any, 1 (blue): very small, 2 (purple): low, 3 (yellow): medium, 4 (Orange): moderately severe and 5 (red): severe at the end of each 20 min and eventually 120 min after intervention recorded by mother. After the end of the study scores for Severity flatulence, pain and nausea in the placebo and treatment group were compared with each other and also with the starting intervention.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013061212438N3**

Registration date: **2013-07-07, 1392/04/16**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2013-07-07, 1392/04/16

Registrant information

Name

Mohsen Taghizadeh

Name of organization / entity

Kashan University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 36 1555 0021

Email address

taghizadeh_m@kaums.ac.ir

Recruitment status

Recruitment complete

Funding source

Sabzevar University of Medical Science

Expected recruitment start date

2011-12-22, 1390/10/01

Expected recruitment end date

2012-12-21, 1391/10/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of oral dill drop on flatulence in patient post cesarean in Sabzevar Mobini hospital

Public title

Reduce flatulence after cesarean

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: 38-42 w pregnancy, single pregnancy,

alive birth, transverse incision in cesarean, BMI:28-30, 18-40 years old. Exclusion criteria: allergies to herbal combinations specially dill, difference in type and volume for sedative and serum with other volunteers .

Age

From **18 years** old to **40 years** old

Gender

Female

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: **128**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Double blinded

Blinding description

Placebo

Used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Sabzevar University of Medical Science

Street address

Sabzevar University of Medical Science, University blvd, Sabzevar

City

Sabzevar

Postal code

Approval date

2011-08-14, 1390/05/23

Ethics committee reference number

122/1915

Health conditions studied

1

Description of health condition studied

The severity of flatulence

ICD-10 code

R14

ICD-10 code description

Flatulence and related conditions

Primary outcomes

1

Description

The severity of flatulence

Timepoint

3 times within 20 minutes and 120 minutes after the end of the intervention.

Method of measurement

Visual Analogue Scale (VAS)

2

Description

The severity of pain

Timepoint

3 times within 20 minutes and 120 minutes after the end of the intervention.

Method of measurement

Visual Analogue Scale (VAS)

Secondary outcomes

1

Description

Nausea

Timepoint

3 times within 20 minutes and 120 minutes after the end of the intervention.

Method of measurement

Visual Analogue Scale (VAS)

Intervention groups

1

Description

Intervention group:40 drops of oral dill drop in 30 cc water in 3 times within 20 minutes after disconnecting serum and drinking tea.

Category

Treatment - Drugs

2

Description

Contol group:40 drops of placebo drop in 30 cc water in 3 times within 20 minutes after disconnecting serum and drinking tea.

Category

Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center

Shahidan Mobini hospital

Full name of responsible person

Street address
City
Sabzevar

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Sabzevar University of Medical Science
Full name of responsible person
Pejhan Akbar
Street address
Sabzevar University of Medical Science, University
blvd, Sabzevar
City
Sabzevar

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Sabzevar University of Medical Science

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
Kashan University of Medical Sciences
Full name of responsible person
Taghizadeh Mohsen
Position
PhD
Other areas of specialty/work
Street address
Kashan University of Medical Sciences, Kashan
City
Kashan
Postal code
Phone
+98 36 1555 0021
Fax
Email
taghizadeh_m@kaums.ac.ir
Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity
Sabzevar University of Medical Science
Full name of responsible person
Fazel Nasrin
Position
Senior expert
Other areas of specialty/work
Street address
Sabzevar University of Medical Science, University
blvd, sabzevar
City
Sabzevar
Postal code
Phone
+98 57 1444 6070
Fax
Email
shohreh1368@yahoo.co.uk
Web page address

Person responsible for updating data

Contact

Name of organization / entity
Barij Essence Research Center of Medicinal Herbs
Full name of responsible person
Mahlouji Mahnaz
Position
Expert in clinical research
Other areas of specialty/work
Street address
City
Postal code
Phone
00
Fax
Email
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