

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

The effect of acupressure on the time comeback bowel movement after cesarean in women hospital Valli-Asr in the Fasa 2015.

Protocol summary

Summary

The target of the study: prevention of ileus following abdominal surgery. Study design: blind, randomized. The method of the study include: study population: women admitted to Valiasr hospital of Fasa city. Main inclusion criteria: maximum of forty-five years of age; general anesthesia and the average surgery time the same. Main exclusion criteria: acute and chronic use of opioids after surgery; artificial airway; peripheral vascular disease; the need for embedded ostomy; blood transfusion; thyroid disease and diabetes; neurological diseases; muscular and hepatic disease. Sample size: 120 people. Intervention study: acupressure at two points Hegu and Zusanli. Intervention time: set twenty minutes at each of the points ten minutes. Study outcome: after the intervention is expected to faster return gastrointestinal motility in the intervention group than control group.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016020815965N7**

Registration date: **2016-02-26, 1394/12/07**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-02-26, 1394/12/07

Registrant information

Name

Majid Kazemi

Name of organization / entity

Rafsanjan University of Medical Sciences

Country

Iran (Islamic Republic of)

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+98 34 3425 7663

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Recruitment status

Recruitment complete

Funding source

Rafsanjan University of Medical Sciences

Expected recruitment start date

2015-10-23, 1394/08/01

Expected recruitment end date

2016-01-21, 1394/11/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of acupressure on the time comeback bowel movement after cesarean in women hospital Valli-Asr in the Fasa 2015.

Public title

The effect of acupressure in improving gastrointestinal motility.

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: maximum of forty-five years of age, the same anesthesia (general anesthesia) and the average duration of the same surgery. Exclusion criteria: forty-five years of age; spinal anesthesia; acute and chronic use of opioids after surgery; artificial airway; peripheral vascular disease; the need for embedded ostomy; blood transfusion; thyroid disease and diabetes; neurological diseases; muscular, abnormal liver complications include bleeding and hysterectomy is an elective Cesarean.

Age

From **15 years** old to **45 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **120**

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

Rafsanjan University of Medical Sciences

Street address

The Ali Ebn Abi Taleb, Imam Ali avenue .

City

Rafsanjan

Postal code

Approval date

2016-01-10, 1394/10/20

Ethics committee reference number

IR.RUMS.REC.1394.189

Health conditions studied

1

Description of health condition studied

Ileus

ICD-10 code

K55-64

ICD-10 code description

Other diseases of intestines

Primary outcomes

1

Description

The first time be hearded a three bowel sound for a minute.

Timepoint

Every two hours after surgery be heard.

Method of measurement

By stethoscope be heard.

2

Description

The first time defecation after the surgery.

Timepoint

Patients will be asked every two hours.

Method of measurement

It is reported by the patient.

3

Description

The first time flatus after the surgery.

Timepoint

Patients will be asked every two hours.

Method of measurement

It is reported by the patient.

4

Description

The first time a patient getting up from bed.

Timepoint

Patients will be asked every two hours.

Method of measurement

It is reported by the patient.

Secondary outcomes

1

Description

The drug is used during anesthesia.

Timepoint

After transferring the patient to the women's division.

Method of measurement

Report surgery in the file.

2

Description

The patient's serum that has received during surgery.

Timepoint

After transferring the patient to the women's division.

Method of measurement

Report surgery in the file.

Intervention groups

1

Description

Acupressure in the intervention group plays twice, the first step in the transmission of the Patient be about an hour. The second phase of intervention is approximately three hours after the first intervention. The intervention of the ten minute period for each counter clockwise with gentle pressure thumb is locally selected points And for

everyone to put pressure on the right side of the body and the first point of intervention will be Zusanli. To find the Hegu point of anatomically on the dorsum of the hand, between the 1st and two metacarpal bones and Zusanli point three cun below Patella one finger width lateral from the anterior crest of the tibia, in the tibialis anterior muscle. All the steps mentioned by a trained person under the education of traditional medicine. Then two hours of patients who flatus, stool and asked to get up from the bed and the patient's bowel sounds, every two hours by a stethoscope, will be heard and all the items listed are recorded.

Category

Treatment - Other

2

Description

Control group will receive the usual care. Then two hours of patients who flatus, stool and asked to get up from the bed and the patient's bowel sounds, every two hours by a stethoscope, will be heard and all the items listed are recorded.

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Valli-Asr Hospital

Full name of responsible person

Faeze abadi

Street address

Shirazi street in front of Fasa University of Medical Sciences.

City

Fasa

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Rafsanjan University of Medical Sciences

Full name of responsible person

Dr. Majid Kazemi

Street address

The Ali Ebn Abi Taleb, The Imam Ali avenue.

City

Rafsanjan

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Rafsanjan 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

Person responsible for scientific inquiries

Contact

Name of organization / entity

Rafsanjan University of Medical Sciences

Full name of responsible person

Faezeh Abadi

Position

Master student of Nursing

Other areas of specialty/work

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Web page address

Person responsible for updating data

Contact

Name of organization / entity

Rafsanjan University of Medical Sciences

Full name of responsible person

Faezeh Abadi

Position

Master student of Nursing

Other areas of specialty/work

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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