

Clinical Trial Protocol

Iranian Registry of Clinical Trials

24 Jun 2026

The effect of chewing sugar-free gum on bowel function after cesarean section

Protocol summary

Summary

This clinical trial evaluate the effect of chewing gum on the initiation of a bowel movement after cesarean section was performed. Inclusion criteria included uncomplicated and non-emergency cesarean section, and exclusion criteria are not satisfied on 92 new women at cesarean delivery was performed Bint Huda Bojnourd. Randomly divided into two groups, consumer groups Gum 46 = n 46 = n and control groups. Mothers receive the chewing of consciousness sugar free gum three times a day at 8, 14, 20 for 1 hour and sugar free gum brand received the control group and normal diet care regular received routine postoperative. All women feel the first movements Prystalysm gut feeling feelings first flatus and first bowel movement in the check list in order to make their mark.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2012082610661N1**

Registration date: **2013-01-04, 1391/10/15**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2013-01-04, 1391/10/15

Registrant information

Name

Farzaneh Rashidi Fakari

Name of organization / entity

Faculty of midwifer & nursing mashhad

Country

Iran (Islamic Republic of)

Phone

+98 51 1859 1511

Email address

rashidif901@mums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice-chancellor for research -Northern Khorasan University of Medical Science

Expected recruitment start date

2011-03-15, 1389/12/24

Expected recruitment end date

2011-12-15, 1390/09/24

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of chewing sugar-free gum on bowel function after cesarean section

Public title

effect of chewing on bowel function after cesarean

Purpose

Treatment

Inclusion/Exclusion criteria

(Inclusion criteria: Inclusion of satisfaction; Safe and non-emergency cesarean; Mothers aged 35-18 years; Parity 1-4; Infant health; During normal operation). (Exclusion criteria: amount of bleeding (more than 80 ml); Dissatisfaction with Research complicated)

Age

No age limit

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 92

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Single blinded

Blinding description

Placebo

Used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

North Khorasan University of Medical Sciences

Street address

Berenji street, Bojnord, North Khorasan

City

Bojnord

Postal code

Approval date

2011-03-15, 1389/12/24

Ethics committee reference number

225 89پ

Health conditions studied

1

Description of health condition studied

Start a bowel movement after cesarean

ICD-10 code

K92.8

ICD-10 code description

Other specified diseases of digestive system

Primary outcomes

1

Description

Start a bowel movement after cesarean

Timepoint

8, 14: 20 hours after intervention

Method of measurement

check list of researcher made

Secondary outcomes

empty

Intervention groups

1

Description

Intervention Group: Mothers receive the chewing of consciousness sugar free gum three times a day at 8, 14, 20 for 1 hour and sugar free gum brand received. Every mother feels the first movement Prytalysm intestinal feel the sense of first flatus and defecation in the check list in order to make their mark.

Category

Treatment - Other

2

Description

Control Group: The control group received a normal diet after surgery regular routine care. All women feel the first movements Prytalysm gut feeling feelings first flatus and first bowel movement in the check list in order to make their mark

Category

Treatment - Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Maternity Bennet Huda

Full name of responsible person

Toba Frazmand

Street address

Maternity Bennet Huda, Bojnord

City

Bojnord

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice-chancellor for research -North Khorasan University of Medical Science

Full name of responsible person

Arash Aabri

Street address

Vice-chancellor for research, Berenji street, Bojnord

City

Bojnord

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Vice-chancellor for research -North Khorasan 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
Faculty Nursing and Midwifery, Mashhad
Full name of responsible person
Farzaneh Rashidi Fakari
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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