Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Nov 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 ofresearcher 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

Position

Student of Msc

Other areas of specialty/work

Street address

Crossroads Doktora, Mashhad

City

Mashhad

Postal code

Phone

+98 511859151

Fax

Email

rashidif66@yahoo.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Msc of midwifery

Full name of responsible person

Zohreh Abasi

Position

Msc

Other areas of specialty/work

Street address

Shahryar street, Bojnord

City

Bojnord

Postal code

Phone

00

Fax

Email

abasi_zohre_55@yahoo.com

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Faculty Nursing and Midwifery

Full name of responsible person

Farzaneh Rashidi Fakari

Position

Student of Msc

Other areas of specialty/work

Street address

Crossroads Doktora, Mashhad

City

Mashhad

Postal code

Phone

+95 5118591511

Fax

Email

rashidif66@yahoo.com

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