Clinical Trial Protocol
Iranian Registry of Clinical Trials

18 Jul 2026

To compare outcomes of oral feeding 2 and 8 hours after cesarean section under regional anesthesia in term pregnant women

Protocol summary

Summary
The purpose of this clinical trial study is compared the outcome of post-operative outcomes associated with early oral feeding (after 2 hours) versus late oral feeding (after 8 hours) following cesarean section. A total of 140 pregnant women more than 37 weeks with gestational age who will undergo the cesarean section procedure in Imam Reza hospital during one year randomly were recruited. The patients who are admitted for emergency cesarean, General anesthesia or more than 1000 cc blood loss during the operation are excluded. The main outcomes are duration of hospitalization, bowel movement resumption time, Flatus passing and defecation.

General information

Acronym
IRCT registration information
IRCT registration number: **IRCT2012102411245N1**
Registration date: **2012-12-02, 1391/09/12**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**
Registration date
2012-12-02, 1391/09/12

Registrant information
Name
Nasrin Jalilian
Name of organization / entity
Kermanshah University of Medical Sciences
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Recruitment status
Recruitment complete
Funding source
Kermanshah University of Medical Sciences

Expected recruitment start date
2011-08-23, 1390/06/01
Expected recruitment end date
2013-04-21, 1392/02/01
Actual recruitment start date
empty
Actual recruitment end date
empty
Trial completion date
empty

Scientific title
To compare outcomes of oral feeding 2 and 8 hours after cesarean section under regional anesthesia in term pregnant women

Public title
Comparing the effect of post-operative outcomes early vs. late oral feeding after Cesarean section
Purpose
Supportive
Inclusion/Exclusion criteria
Inclusion criteria: Pregnant women more than 37 weeks; elective cesarean section; regional anesthesia; after signing the informed consent. Exclusion criteria: Emergency cesarean section; general anesthesia; more than 1000 ml blood loss during operation; use of magnesium sulfate; gastrointestinal disorders and complications during surgery such as bowel and bladder injury.
Age
From **17 years** old to **41 years** old
Gender
Female

Phase
N/A
Groups that have been masked
No information
Sample size
Target sample size: **140**
Randomization (investigator's opinion)
Randomized
Randomization description
Blinding (investigator's opinion)
Not blinded
Blinding description
Placebo
Not used
Assignment
Parallel
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Kermanshah University of Medical Sciences
Street address
Maternity Research Center, OB & GYN Department, Imam Reza hospital, Parastar Blvd, Sorkheh Lyjeh
City
Kermanshah
Postal code
Approval date
2011-10-13, 1390/07/21
Ethics committee reference number
28305/420/7

Health conditions studied

1

Description of health condition studied
Cesarean
ICD-10 code
O82
ICD-10 code description
Single delivery by caesarean section

Primary outcomes

1

Description
Bowel movement resumption time
Timepoint
Every 6 hours for 48 hours
Method of measurement
In hours, the time after the surgery until hearing bowel sounds with stethoscope

2

Description
Duration of hospitalization
Timepoint
After patients discharge
Method of measurement
Evaluation of patient document

3

Description
Flatus passing
Timepoint
Every hour
Method of measurement
Asking from patients

4

Description
Defecation
Timepoint
Every hour
Method of measurement
Asking from patients

Secondary outcomes

1

Description
Surgical incision complications
Timepoint
Daily in 48 hrs after surgery and also in Fifteenth day.
Method of measurement
Such as seruma ,hematoma, abscesses, wound dehiscence

2

Description
Permanent fever after the surgery
Timepoint
During 48 hrs after surgery, measured every 3 hours
Method of measurement
Persist fever after more than 38 ° c, with thermometer

3

Description
Urinary Tract Infection
Timepoint
During 48 hrs after surgery
Method of measurement
Through a urine test

4

Description
Hospital Readmission
Timepoint
Baseline, the first, second , third, and fourth week after

the intervention

Method of measurement

Visual analog scale of readmission

Intervention groups

1

Description

Control group: Oral feeding after 8 hours

Category

Treatment - Other

2

Description

Intervention group: Oral feeding after 2 hours

Category

Treatment - Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Gynecology ward of Imam Reza Hospital

Full name of responsible person

Dr.Nasrin Jalillian

Street address

Obs & Gynecology department, Imam Reza hospital, Parastar blvd, Sorkheh lyjeh, Kermanshah University of Medical Sciences (KUMS), Kermanshah, Islamic Republic of Iran .

City

Kermanshah

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Kermanshah University of Medical Sciences (KUMS)

Full name of responsible person

Dr. Farid Najafi

Street address

Imam Reza hospital, Parastar blvd, Sorkheh lyjeh, Kermanshah University of Medical Sciences (KUMS), Kermanshah, Islamic Republic of Iran.

City

Kermanshah

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Kermanshah University of Medical Sciences (KUMS)

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

Kermanshah University of Medical Sciences (KUMS).

Full name of responsible person

Leila Mirdamadi

Position

Obs & Gyn resident

Other areas of specialty/work

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Person responsible for scientific inquiries

Contact

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Full name of responsible person

Dr.Nasrin Jalillian

Position

Infertility fellowship, Gynecologist and Obstetrician

Other areas of specialty/work

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Full name of responsible person
Sara Daeichin

Position
Obstetrics (BCs) Of Maternity Research Center

Other areas of specialty/work

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City
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Postal code

Phone
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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