

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

24 Jun 2026

### Comparison of early results of closure and non closure of visceral peritoneum in cesarean section

#### Protocol summary

##### Summary

Because cesarean section is one of the most prevalent surgeries in women, so reduction of complications and time of operation and finding the simpler techniques with least complications has special importance. We compared the early results (time of operation, pain, fever and wound infection) in two groups of patients for whom the visceral peritoneum was either repaired or left alone. The purpose was to suggest the best method with least complications after cesarean section. In a comparative experimental research 258 pregnant women that had cesarean section for the first time was recruited into this study. Time of operation, pain, fever and the rate of wound infection were compared in the two groups. For statistical analysis, we used Z test and chi square.

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT138903274198N1**

Registration date: **2007-04-03, 1386/01/14**

Registration timing: **retrospective**

Last update:

Update count: **0**

##### Registration date

2007-04-03, 1386/01/14

##### Registrant information

##### Name

Fariba Almassi Nokiani

##### Name of organization / entity

Iran University of Medical Sciences

##### Country

Iran (Islamic Republic of)

##### Phone

+98 21 8871 5332

##### Email address

dralmassi@iums.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

Kermanshah University of Medical Sciences

##### Expected recruitment start date

2007-04-03, 1386/01/14

##### Expected recruitment end date

2008-04-02, 1387/01/14

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

Comparison of early results of closure and non closure of visceral peritoneum in cesarean section

##### Public title

Comparison of early results of closure and non closure of visceral peritoneum in cesarean section

##### Purpose

Treatment

##### Inclusion/Exclusion criteria

1- First elective cesarean section before starting of labor  
2- BMI<25 3- No diabetes, hypertension and rupture of membranes

##### Age

From **15 years** old to **40 years** old

##### Gender

Female

##### Phase

N/A

##### Groups that have been masked

*No information*

##### Sample size

Target sample size: **258**  
**Randomization (investigator's opinion)**  
Randomized  
**Randomization description**  
**Blinding (investigator's opinion)**  
Double blinded  
**Blinding description**  
**Placebo**  
Not used  
**Assignment**  
Parallel  
**Other design features**

## Secondary Ids

empty

## Ethics committees

### 1

#### Ethics committee

**Name of ethics committee**  
Ethics committee of Kermanshah university of medical sciences  
**Street address**  
Shahid Beheshti Boulevard  
**City**  
Kermanshah- Kermanshah university of medical sciences - Shahid Beheshti Bol  
**Postal code**  
**Approval date**  
empty  
**Ethics committee reference number**  
88017

## Health conditions studied

### 1

**Description of health condition studied**  
pregnancy  
**ICD-10 code**  
Z34  
**ICD-10 code description**  
Supervision of normal pregnancy

## Primary outcomes

### 1

**Description**  
Fever  
**Timepoint**  
Every 6 hours in the first week after operation  
**Method of measurement**  
Sublingual thermometer

### 2

**Description**  
Pain

## Timepoint

First 48 hours after operation

## Method of measurement

The number of Indomethacin suppositories

### 3

#### Description

Nausea

#### Timepoint

Each 12 hours within the first 24 hours after cesarean section

#### Method of measurement

Visit by resident

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

Closure of visceral peritoneum in elective cesarean section

#### Category

Treatment - Surgery

### 2

#### Description

Non-closure of visceral peritoneum in elective cesarean section

#### Category

Treatment - Surgery

## Recruitment centers

### 1

#### Recruitment center

**Name of recruitment center**  
Motazedi Hospital  
**Full name of responsible person**  
Fariba Almassi Nokiani  
**Street address**  
Ferdowsi Square, Motazedi Hospital  
**City**  
Kermanshah

## Sponsors / Funding sources

### 1

#### Sponsor

**Name of organization / entity**  
Kermanshah University of Medical Sciences  
**Full name of responsible person**  
Fariba Almassi Nokiani  
**Street address**  
Ferdowsi Square, Motazedi Hospital

**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  
**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  
**Full name of responsible person**  
Fariba Almassi Nokiani  
**Position**  
Gynecologist, Associate Professor, Iran University of Medical Sciences  
**Other areas of specialty/work**  
**Street address**  
Ferdowsi Square, Motazedi Hospital  
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dralmassi@iums.ac.ir; dralmassi@yahoo.com  
**Web page address**

## Person responsible for scientific inquiries

### Contact

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dralmassi@iums.ac.ir; istatis\_pn@yahoo.com  
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## Person responsible for updating data

### Contact

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Pegah Nafar  
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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*