# Clinical Trial Protocol
# Iranian Registry of Clinical Trials

17 Sep 2026

## Evaluation the efficacy of intravenouse propofol on post dural puncture headache incidence after cesarian section

## Protocol summary

**Summary**

The main objective: To determine the effect of intravenous propofol headache after spinal anesthesia for cesarean section. Study design: non-random. Inclusion criteria: pregnant women. Aged 18 -36. ASA class I, II. Exclusion criteria: history of headache. Housing consumption. opioid addiction . pulmonary/ heart disease. Diabetes. Other diseases that need treatment. Sample size: 120 women pregnant. After spinal anesthesia in left lateral position by Quincke spinal needle 25 in the first group after leaving baby propofol infuses dy pump at a rate of 30 micrograms per kilogram per minute for 30 minutes is injected through the green angiocut.The control group did not receive the drug in both groups headache severity in patients after surgery is measured by an anesthesiologist immediately after entering the recovery room and hours 1, 6, 12, 18, 24 after the discharge.The visual analogue scale of pain was measured. In case of headache patients with conventional treatment includes bed rest, hydration, use of analgesics, which includes acetaminophen codeine In this study, (300 mg acetaminophen and 20 mg codeine) administered every 6 hours using a corset. The patient is said to be visited until discharge from the hospital a week later with an anesthesiologist by a phone call if notify headache

## General information

**Acronym**

**IRCT registration information**

IRCT registration number: **IRCT201603131616N5**
Registration date: **2016-04-29, 1395/02/10**
Registration timing: **retrospective**

Last update:
Update count: **0**

**Registration date**

2016-04-29, 1395/02/10

**Registrant information**

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Parisa Golfam
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**Recruitment status**

**Recruitment complete**

**Funding source**
Kermanshah University of Medical Sciences

**Expected recruitment start date**
2014-03-21, 1393/01/01

**Expected recruitment end date**
2015-03-20, 1393/12/29

**Actual recruitment start date**
empty

**Actual recruitment end date**
empty

**Trial completion date**
empty

**Scientific title**

Evaluation the efficacy of intravenouse propofol on post dural puncture headache incidence after cesarian section

**Public title**

Evaluation the efficacy of intravenouse propofol on post dural puncture headache incidence after cesarian section

**Purpose**

Prevention

**Inclusion/Exclusion criteria**

Exclusion criteria: history of headache. Housing consumption. opioid addiction . pulmonary/ heart

disease. Diabetes. Other diseases that need treatment Inclusion criteria: pregnant women. Aged 18 -36. ASA class I, II.

**Age**

No age limit

**Gender**

Female

**Phase**

N/A

**Groups that have been masked**

*No information*

**Sample size**

Target sample size: **120**

**Randomization (investigator's opinion)**

Not 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 Ethics Committee

**Street address**

The central building , martyr Beheshti blvd.

**City**

Kermanshah

**Postal code**

6715847141

**Approval date**

2014-10-14, 1393/07/22

**Ethics committee reference number**

31546

## Health conditions studied

**1**

**Description of health condition studied**

Postdural Puncture Headache

**ICD-10 code**

G97.1

**ICD-10 code description**

Postdural Puncture Headache

## Primary outcomes

**1**

**Description**

Headache

**Timepoint**

1,6,18,24 hours and 2,3,4,5,6,7 days after spinal anesthesia

**Method of measurement**

Visual Analogue Scale

## Secondary outcomes

empty

## Intervention groups

**1**

**Description**

Intervention group: After spinal anesthesia by left latral with Quincke spinal needle number 25 ,After leaving the infant propofol infuses with a pump at a rate of 30 micrograms per kilogram per minute for 30 minutes is injected through the IV green.The researcher must do completely control of BP, PR, RR, ECG,consciousness .

**Category**

Prevention

**2**

**Description**

In the control group no intervention was done The researcher must do completely control of BP, PR, RR, ECG,consciousness .

**Category**

Treatment - Drugs

## Recruitment centers

**1**

**Recruitment center**

**Name of recruitment center**

Imam Reza Hospital

**Full name of responsible person**

Rasoul Mahdavi Jafari

**Street address**

Sorkhe lijhe street

**City**

Kermanshah

## Sponsors / Funding sources

**1**

**Sponsor**

**Name of organization / entity**

Vice chancellor for research, Kermanshah University of Medical Sciences

**Full name of responsible person**

Farid Najafi
**Street address**
The central building , Martyr Beheshti blvd.
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**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, 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

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## Person responsible for scientific inquiries

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## Person responsible for updating data

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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*