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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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

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.

City

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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

Contact

Name of organization / entity

Kermanshah University of Medical Sciences

Full name of responsible person

Rasoul Mahdavi Jafari

Position

Resident of Anesthesiology

Other areas of specialty/work

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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