

Clinical Trial Protocol

Iranian Registry of Clinical Trials

25 Jun 2026

The effect of diclofenac Na supp on postoperative shivering in patients undergoing elective cesarean section surgery

Protocol summary

Sciences and Health Services, Iran

Summary

The aim of this study was to evaluate the effect of diclofenac Na supp on postoperative shivering. This was a case double-blind randomized clinical trial study in which 140 women, intervention group received diclofenac Na supp 100mg, ten minutes before induction of anesthesia while control group didn't receive any medication. Axillary temperatures were measured before induction and 15 minutes after the extubation

Expected recruitment start date

2008-10-31, 1387/08/10

Expected recruitment end date

2009-11-01, 1388/08/10

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138902213051N2**

Registration date: **2011-03-14, 1389/12/23**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2011-03-14, 1389/12/23

Registrant information

Name

Marzieh Khezri

Name of organization / entity

Qazvine University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 28 1223 6376

Email address

mkhezri@qums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice-chancellor for research, Qazvin University of Medical

Scientific title

The effect of diclofenac Na supp on postoperative shivering in patients undergoing elective cesarean section surgery

Public title

The effect of diclofenac Na supp on postoperative shivering in patients undergoing elective cesarean section surgery

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: pregnant women who candidate for elective cesarean section, ASA class 1, 2 Exclusion criteria: history of asthma, peptic ulcer, or endocrine disease, addiction to opioids, smoking, consumption of steroids, consumption of NSAIDS or other analgesics

Age

No age limit

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)
Double blinded
Blinding description
Placebo
Not used
Assignment
Parallel
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Qazvin University of Medical Sciences
Street address
Shahid Bahonar Blvd
City
Qazvin
Postal code
Approval date
2011-01-22, 1389/11/02
Ethics committee reference number
3835/20/28

Health conditions studied

1

Description of health condition studied
Other obstetric conditions, not elsewhere classified
ICD-10 code
089
ICD-10 code description
Complications of anaesthesia during the puerperium

Primary outcomes

1

Description
Shivering
Timepoint
One hour after surgery
Method of measurement
visual

Secondary outcomes

1

Description
temperature
Timepoint

10 minutes before induction of anesthesia and one
hours after extubation
Method of measurement
termometr

Intervention groups

1

Description
Intervention: diclofenac Na supp 100mg, ten minutes
before induction of anesthesia
Category
Prevention

2

Description
Control group: no medication
Category
N/A

Recruitment centers

1

Recruitment center
Name of recruitment center
Kosar hospital
Full name of responsible person
Dr Marziyeh Beigom Khezri
Street address
Kosar hospital, Taleghani Street, Qazvin
City
Qazvin

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Vice-chancellor for Research, Qazvin University of
Medical Science and Health Services
Full name of responsible person
Dr Saeed Assefzadeh
Street address
Shahid Bahonar Blvd, Qazvin
City
Qazvin
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, Qazvin University of
Medical Science and Health Services
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**

Kosar hospital

Full name of responsible person

Dr Marzieh Beigom Khezri

Position

Assistant Professor/Anesthesia

Other areas of specialty/work**Street address**

Qazvin,

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Person responsible for scientific inquiries**Contact****Name of organization / entity**

Kosar hospital

Full name of responsible person

Dr Marzieh Beigom Khezri

Position

Assistant Professor/Anesthesia

Other areas of specialty/work**Street address**

Kosar hospital, Taleghani Street, Qazvin

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Email

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Web page address

mkhezri88@gmail.com

Person responsible for updating data**Contact****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