

Clinical Trial Protocol

Iranian Registry of Clinical Trials

24 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**

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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**

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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