Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 2026

A Comparison Review of The Effects of Dexamethasone and Ondansetron Intravenous on Preventing Headache after Spinal Sedation of Patients under a Cesrean Section.

Protocol summary

Summary

The aim of this study was to evaluate the effect of dexamethasone and endonestrone on patients in three different groups. Inclusion criteria include gender, pregnancy, cesarean section and exit criteria including headache, nausea and vomiting. The study volume was 150 people. The intervention has an effect on the dexamethasone, andandonestrone and placebo exposure to the studied groups before and after the time of spinal anesthesia.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017022532768N1**
Registration date: **2017-11-19, 1396/08/28**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2017-11-19, 1396/08/28

Registrant information

Name
Mozhdeh Ghaffari
Name of organization / entity
Islamic Azad University of Ardabil
Country
Iran (Islamic Republic of)
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+98 45 3372 8020
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mozhdeh.ghaffari70@gmail.com

Recruitment status

Recruitment complete

Funding source

Deputy of Research of Islamic Azad University

Expected recruitment start date

2000-01-01, 1378/10/11

Expected recruitment end date

2008-01-01, 1386/10/11

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

A Comparison Review of The Effects of Dexamethasone and Ondansetron Intravenous on Preventing Headache after Spinal Sedation of Patients under a Cesrean Section.

Public title

A Comparison of The Effects of Dexamethasone and Ondansetron Intravenous on Preventing Headache of Patients Under a Cesarean Section

Purpose

Prevention

Inclusion/Exclusion criteria

Entry criteria: Female: Pregnant: Satisfaction for drug injection Exit criteria: Migraine disease: history of headache

Age

From **1 year** old to **1 year** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size
Target sample size: **150**
Randomization (investigator's opinion)
Randomized
Randomization description
Blinding (investigator's opinion)
Double blinded
Blinding description
Placebo
Used
Assignment
Parallel
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
The Ethics Committee of Islamic Azad University of Ardebil
Street address
No 342, Ardabil University of Medical Sciences, Ayatollah Moghadas Ardebi St, Shahid Moadi Ave, Ardabi, IRAN
City
Ardabil
Postal code
5615731567
Approval date
2017-09-23, 1396/07/01
Ethics committee reference number
IR.IAU.ARDABIL.REC.1395.19

Health conditions studied

1

Description of health condition studied
Delivery with Cesarean Section
ICD-10 code
O82.9
ICD-10 code description
Delivery by Caesarean Section, Unspecified

2

Description of health condition studied
Headache Caused by Spinal / Epidural Anesthesia
ICD-10 code
O74.5
ICD-10 code description
Spinal and Epidural Anaesthesia-Induced Headache During Labour and Delivery

Primary outcomes

1

Description
headache
Timepoint
Before and after the spinal anesthesia
Method of measurement
questionnaire

2

Description
nausea
Timepoint
Before and after the spinal anesthesia
Method of measurement
questionnaire

3

Description
vomit
Timepoint
Before and after the spinal anesthesia
Method of measurement
questionnaire

Secondary outcomes

1

Description
bradycardia
Timepoint
Before and after the spinal anesthesia
Method of measurement
ECG device

2

Description
hypotention
Timepoint
Before and after the spinal anesthesia
Method of measurement
barometer

3

Description
headach
Timepoint
Beforethe spinal anesthesia
Method of measurement
questionnaire

4

Description
nausea
Timepoint

Before the spinal anesthesia

Method of measurement

questionnaire

Intervention groups

1

Description

dexamethason,8 mg,IV,befor spinal anesthesia

Category

Prevention

2

Description

ondansetron,4 mg,IV,befor spinal anesthesia

Category

Prevention

3

Description

Control group: No special drug injection

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Alavi Hospital

Full name of responsible person

Mozhdeh Ghafari

Street address

No 6, Ayatollah Moghadas Ardebi St, , Shahid Moadi Ave, Ardabi, IRAN

City

Ardabil

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Deputy of Research of Islamic Azad University

Full name of responsible person

Masood Fardin

Street address

No 342, Ardabil University of Medical Sciences, AyatollahMoghadas Ardebi St, Shahid Moadi Ave, Ardabi, IRAN

City

Ardabil

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Deputy of Research of Islamic Azad University

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

Islamic Azad University of Ardabil Branch

Full name of responsible person

Mozhdeh Ghaffari

Position

Medical Student

Other areas of specialty/work

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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