

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Comparison of Dry cupping effect in the prevention of anxiety around acts through stimulation of the P6 point and H7 in patients undergoing elective Caesarean section under spinal

Protocol summary

Summary

The main objective of this study was to compare the effect of Dry-Cupping in preventing preoperative anxiety through stimulation of two points P6 and H7 in patient's candidate for elective cesarean section under spinal anaesthesia. Summary Method: The study community is women 18 to 35 years old with ASA class1, 2 enrolled in three groups control and two interventions. Methods of data collection a questionnaire in person before the purpose of intervention, second and third respectively, after leaving baby and at six o'clock post surgical. Cortisol levels check at time of first questionnaire, the second sample is measured at time of second questionnaire. Variables addressed include anxiety according to Spilburge questionnaire, the hemodynamic changes, Cortisol level before and after intervention.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201205201617N7**
Registration date: **2013-05-07, 1392/02/17**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2013-05-07, 1392/02/17

Registrant information

Name

Mansour Choubsaz

Name of organization / entity

Imam Reza Hospital

Country

Iran (Islamic Republic of)

Phone

+98 83 1724 6708

Email address

mchoubsaz@kums.ac.ir

Recruitment status

Recruitment complete

Funding source

Kermanshah University of Medical Sciences and health Services

Expected recruitment start date

2013-02-19, 1391/12/01

Expected recruitment end date

2013-10-23, 1392/08/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of Dry cupping effect in the prevention of anxiety around acts through stimulation of the P6 point and H7 in patients undergoing elective Caesarean section under spinal

Public title

Dry cupping effect in the prevention of anxiety around acts through stimulation of the P6 point and H7 in patients undergoing elective Caesarean section

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: patients aged 35-18 years old; ASA class I and II; elective cesarean surgery and indication for Spinal-Anesthesia. Exclusion criteria: change in anesthesia planes; history of mental illness and consuming sedative drugs.

Age

From **18 years** old to **35 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **68**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Single blinded

Blinding description

Placebo

Used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethic committee of Kermanshah University of Medical Sciences

Street address

Pro-Vice-Chancellor for Research, Kermanshah University of Medical Sciences

City

Kermanshah

Postal code

Approval date

2013-01-01, 1391/10/12

Ethics committee reference number

45896

Health conditions studied

1

Description of health condition studied

anxiety

ICD-10 code

F41

ICD-10 code description

anxiety disorders

Primary outcomes

1

Description

Anxiety

Timepoint

0, 1 and 6 hours

Method of measurement

Questionnaire

2

Description

Serum cortisol

Timepoint

0 and 1 hours

Method of measurement

Blood analysis

3

Description

Blood pressure

Timepoint

0 and 30 minutes and 1 and 6 hours

Method of measurement

Automated blood pressure monitor

Secondary outcomes

1

Description

Heart rate

Timepoint

0 and 30 minutes and 1, 2 and 6 hours

Method of measurement

Pulse oximetry

Intervention groups

1

Description

Applying cup on (p6) point and creating a negative pressure of 5 cm of water for 10 minutes in the first group.

Category

Other

2

Description

Applying cup on (H 7) point and creating a negative pressure of 5 cm of water for 10 minutes in the second group.

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Kermanshah University of Medical Sciences and

Health Services
Full name of responsible person
Dr. Farid Najafi
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Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Kermanshah University of Medical Sciences and health Services
Full name of responsible person
Mohammad Reza Nikbakhat
Street address
Kermanshah University of Medical Sciences and health Services
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Kermanshah

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Kermanshah University of Medical Sciences 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
Kermanshah University of Medical Sciences and Health Services
Full name of responsible person
Sahel Pour Matin
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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