

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

04 Jul 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  
**Street address**  
IMAM REZA hospital-zakaria boulevard  
**City**  
Kermanshah

+98 83 1724 6708  
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+98 83 1724 4969  
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mchoobsaz@yahoo.com  
**Web page address**

## 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  
**City**  
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  
**Position**  
MD, resident of Anesthesiology  
**Other areas of specialty/work**  
**Street address**  
Department of anesthesiology and critical care, Imam Reza Hospital  
**City**  
Kermanshah  
**Postal code**  
6718938179  
**Phone**

## Person responsible for scientific inquiries

#### Contact

**Name of organization / entity**  
Kermanshah University of Medical Sciences and Health Services  
**Full name of responsible person**  
Mansour Choubsaz  
**Position**  
Anesthesiologist/Assistant Professor  
**Other areas of specialty/work**  
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**Postal code**  
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**Fax**  
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mchoobsaz@yahoo.com  
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## Person responsible for updating data

#### Contact

**Name of organization / entity**  
Kermanshah University of Medical Sciences and Health Services  
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Anesthesiologist/Assistant Professor  
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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*