

Clinical Trial Protocol

Iranian Registry of Clinical Trials

01 Jun 2026

The effect of massage on the head - neck and hand on headache after spinal anesthesia for cesarean section

Protocol summary

Summary

This study aimed to investigate the effect of massage on head - neck and a headache after spinal anesthesia for cesarean section were randomly divided into three groups. The first group of appoints on the head and neck massage for 15 minutes 3 times per day for two consecutive days was done. The second group massage pressure points on the hands for 15 minutes 3 times per day for two consecutive days was done. The control group received nothing. The severity and duration of headaches and pain before and after the intervention by the researcher in all three groups were recorded.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201505286918N22**
Registration date: **2016-02-05, 1394/11/16**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2016-02-05, 1394/11/16

Registrant information

Name

Alehe Seyedrasooli

Name of organization / entity

Faculty of Nursing & Midwifery

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Recruitment status

Recruitment complete

Funding source

University of Medical Sciences, School of Nursing and Midwifery, Tabriz

Expected recruitment start date

2015-06-21, 1394/03/31

Expected recruitment end date

2016-06-20, 1395/03/31

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of massage on the head - neck and hand on headache after spinal anesthesia for cesarean section

Public title

Massage therapy and Headache

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria : age between 18 and 40 years underwent spinal anesthesia for cesarean; Lack of vision problems, the same anesthesiologist; Having read and write, those who have not; Exclusion criteria: history of headache (migraine, tension headaches, sinusitis, meningitis, Pre-eclampsia, patients with underlying diseases (hypertension, neuromuscular disease), the risk of brain tumor

Age

From **18 years** old to **40 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **40**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Tabriz University Of Medical Sciences

Street address

Shariety South St. Faculty of Nursing & Midwifery,
Tbriz, Iran

City

Tabriz

Postal code

5138947979

Approval date

2015-04-17, 1394/01/28

Ethics committee reference number

55466

Health conditions studied

1

Description of health condition studied

Headache

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 massage for two days

Method of measurement

The duration of pain (VAS)

Secondary outcomes

1

Description

No

Timepoint

No

Method of measurement

No

Intervention groups

1

Description

In the first group massage pressure points on the head
and neck

Category

Prevention

2

Description

No Intervention

Category

Prevention

3

Description

Hand massage on pressure points

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

Al Zahra Hospital in Tabriz

Full name of responsible person

Leila Zarie

Street address

Shariety South St. Faculty of Nursing & Midwifery,
Tabriz, Iran Tabriz

City

Tabriz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Deputy of Tabriz University of Medical Sciences

Full name of responsible person

Mohammad Reza Rashidi

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Shariety South St. Faculty of Nursing & Midwifery,
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City
Tabriz
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Deputy of Tabriz University of Medical Sciences
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

Person responsible for scientific inquiries

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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