

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

The effect of superficial scalp arteries compression and intravenous Dexamethason in acute attack of migraine

Protocol summary

Summary

This study aims to determine the effect of superficial scalp arteries' compression compare with 8 mg intravenous Dexamethason in acute attack of migraine in patients come to neurologist clinic of Ayatollah Kashani hospital, Shahrekord, Iran. The study is a randomized clinical trial and the subjects are 200 ambulatory patients with migraine according to International Headache Society (IHS) criteria. Patients are divided to two groups randomly. The first group takes only 8mg IV Dexamethason and in the second group takes 8mg IV Dexamethason and compress the superficial scalp arteries' for 5-minute dependent to pain site.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201012265470N1**
Registration date: **2011-06-29, 1390/04/08**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2011-06-29, 1390/04/08

Registrant information

Name

Mahmood Mirzaei

Name of organization / entity

Shahrekord University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 38 1226 4834

Email address

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Recruitment status

Recruitment complete

Funding source

Vice chancellery for research, Shahrekord University of Medical Sciences

Expected recruitment start date

2011-06-20, 1390/03/30

Expected recruitment end date

2012-02-13, 1390/11/24

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of superficial scalp arteries compression and intravenous Dexamethason in acute attack of migraine

Public title

The effect of superficial scalp arteries compression in acute attack of migraine

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: migraine according to International Headache Society (IHS) criteria; Patient's consciousness; headache is not due to life threatening factors. Exclusion criteria: Headaches which are due to anxiety and depression and psychiatric disorders; Headaches which are induced by head trauma; regurgitation resistance to treatment; background on neurofibromatose with convulsion and oblivion.

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 200

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

Shshrekord University of Medicla Sciences

Street address

Kashani Bld

City

Shahrekord

Postal code

Approval date

2008-04-20, 1387/02/01

Ethics committee reference number

87-2-1

Health conditions studied

1

Description of health condition studied

acute attack of migraine

ICD-10 code

G43

ICD-10 code description

Migraine

Primary outcomes

1

Description

pain

Timepoint

30 minutes

Method of measurement

IHS criteria

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: takes 8 mg IV Dexamethason and compress the superficial scalp arteries' for 5 minute dependent on pain site

Category

Treatment - Other

2

Description

Control: takes only 8 mg IV Dexamethason

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Kashani Hospital of Shahrekord

Full name of responsible person

Mahmood Mirzaei

Street address

Neurology department, Kashani hospital, Parastar St.

City

Shahrekord

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research, Sahrekord University of medical sciences

Full name of responsible person

Mahmoud Mobasheri

Street address

Kashani St.

City

Shahrekord

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, Sahrekord 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

Name of organization / entity
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Web page address

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