

Clinical Trial Protocol

Iranian Registry of Clinical Trials

25 Jul 2026

Effect of intranasal lidocaine to reduce pain in patients with primary headaches

Protocol summary

Ahwaz Jundi Shapur University Of Medical Sciences

Summary

This study evaluate intranasal lidocaine efficacy in patients pain relief with primary headache. Subjects are patients with primary headache presenting to ED (emergency department) diagnosed migrane (with or without aura) , cluster or tension by IHS criteria. Patients are devided in two group ,blindly.case group receive nasal lidocaine, other group receive intranasal normal saline as placebo ,and outcome evaluate by rating pain reduction.

Expected recruitment start date

2012-09-22, 1391/07/01

Expected recruitment end date

2013-09-23, 1392/07/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201212289148N2**

Registration date: **2014-10-11, 1393/07/19**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2014-10-11, 1393/07/19

Registrant information

Name

Hassan Barzegari

Name of organization / entity

Golestan Hospital

Country

Iran (Islamic Republic of)

Phone

+98 61 1374 3079

Email address

barzegari-h@ajums.ac.ir

Recruitment status

Recruitment complete

Funding source

Scientific title

Effect of intranasal lidocaine to reduce pain in patients with primary headaches

Public title

Effect of intranasal lidocaine in primary headaches pain relief

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:patients presenting to ED (emergency department)by headache ,diagnosed migrane(with or without aura)or cluster or tension headache,defined by IHS criteria. exclusion criteria: patients who have intranasal lidocaine administration,hemoglobin oxygen saturation below 90%,fever,meningismus,pregnant or lactating patients,recent head trauma ,sizing within last 24 hours,analgesic use within last 2 hours

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **102**

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**

Research and Technology Department of Ahwaz
Jondishapur University Of Medical

Street address

Ahwaz Jondishapur University Of Medical Sciences

City

Ahwaz

Postal code**Approval date**

2012-10-20, 1391/07/29

Ethics committee reference number

U-91159

Health conditions studied**1****Description of health condition studied**

headache

ICD-10 code

R51

ICD-10 code description

headache

2**Description of health condition studied**

Migraine

ICD-10 code

G43

ICD-10 code description

Migraine

Primary outcomes**1****Description**

pain

Timepoint

30 minute after treatment

Method of measurement

visual analog scale

Secondary outcomes

empty

Intervention groups**1****Description**

lidocaine 2% , 1mg , nasally

Category

Treatment - Drugs

2**Description**

normal saline 0.9 % , 1cc , nasally

Category

Placebo

Recruitment centers**1****Recruitment center****Name of recruitment center**

golestan hospital of ahwaz

Full name of responsible person**Street address****City**

ahwaz

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Ahwaz Jondishapur University Of Medical Sciences

Full name of responsible person

Ahwaz Jondishapur University Of Medical Sciences

Street address

Ahwaz Jondishapur University Of Medical Sciences

City

Ahwaz

Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Ahwaz Jondishapur 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
Ahwaz Jondishapur University Of Medical Sciences
Full name of responsible person
Dr. Hassan Barzegari
Position
Emergency Medicine Specialist / Assistant Professor
Other areas of specialty/work
Street address
Ahwaz Jondishapur University Of Medical Sciences
City
Ahwaz
Postal code
Phone
+98 61 1374 3079
Fax
Email
h_b1979@yahoo.com
Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity
Ahwaz Jondishapur University Of Medical Sciences
Full name of responsible person
Dr Hassan Barzegari
Position
Emergency Medicine Specialist /Assistant Professor
Other areas of specialty/work
Street address
Ahwaz Jondishapur University Of Medical Sciences
City
Ahwaz
Postal code
Phone

+98 61 1374 3079

Fax
Email
h_b1979@yahoo.com
Web page address

Person responsible for updating data

Contact

Name of organization / entity
Ahwaz Jondishapur University Of Medical Sciences
Full name of responsible person
Dr. Hassan Barzegari
Position
Emergency Medicine Specialist /Assistant Professor
Other areas of specialty/work
Street address
Ahwaz Jondishapur University Of Medical Sciences
City
Ahwaz
Postal code
Phone
+98 61 1374 3079
Fax
Email
h_b1979@yahoo.com
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