Clinical Trial Protocol
Iranian Registry of Clinical Trials

09 Nov 2026

Comparison between therapeutic efficacy of temper reform and wet-cupping in patients with migraine headache

Protocol summary

Summary

Objectives: A comparison between therapeutic efficacy of temper reform and wet-cupping in patients with migraine headache. Design: The type of research was randomized controlled clinical trial. The samples were 55 patients for each group. Target based sampling was done. Samples' migraine headache confirmed by the neurologist. For randomization, researcher created groups with 3 patients and then gets in per groups by lot. Method: After determining the temper in first group, temper reforming was performed by traditional physician. Wet-cupping was performed in three stages within two weeks for the second group. It was not performed anything for control group. Pain measurement was done by Mac Gill scale before intervention and every 2 weeks until 30 days for all three groups. Inclusion criteria: age>12; confirm the diagnosis by the neurologist. Exclusion criteria: become pregnant (females); malignancy; current treatment with other complementary treatments. In total, 55 patients age>12 years with migraine headache were selected for each group. Interventions: wet-cupping for cupping group and temper reform for the other group was done. Drug therapy continued base on neurologist's order for patients and researcher did not have any changing in drug therapy and only recorded there. Researcher did wet-cupping (3 times with 2 weeks interval) and for the other group did temper reform, in addition drug therapy. Outcomes assessed at baseline and again 42 days after started intervention.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201110314495N2**
Registration date: **2013-06-26, 1392/04/05**
Registration timing: **retrospective**
Last update:
Update count: **0**

Registration date

2013-06-26, 1392/04/05

Registrant information

Name

Mohammad Zarei

Name of organization / entity

Islamic Azad University Quchan Branch

Country

Iran (Islamic Republic of)

Phone

+98 58 1220 1210

Email address

m.zarei@iauq.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice Chancellor for Research, Islamic Azad University, Quchan Branch

Expected recruitment start date

2012-09-22, 1391/07/01

Expected recruitment end date

2012-12-21, 1391/10/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison between therapeutic efficacy of temper reform and wet-cupping in patients with migraine headache

Public title

Temper reform and wet-cupping in migraine

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: age> 12; confirm the diagnosis by the neurologist. Exclusion criteria: become pregnant (females); malignancy; treated with other complementary treatments

Age

From **13 years** old to **80 years** old

Gender

Both

Phase

2-3

Groups that have been masked

No information

Sample size

Target sample size: **165**

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

Ethics committee, Islamic Azad University, Quchan Branch

Street address

Islamic Azad University, Quchan Branch

City

Quchan

Postal code

Approval date

2012-05-21, 1391/03/01

Ethics committee reference number

52061901202001

Health conditions studied

1

Description of health condition studied

Migraine Headache

ICD-10 code

G43

ICD-10 code description

Migraine

Primary outcomes

1

Description

migraine headache

Timepoint

Before intervention and every 2 weeks until 42 days after intervention

Method of measurement

Scale of Mac Gill

Secondary outcomes

empty

Intervention groups

1

Description

Drug therapy and wet-cupping were done. Drug therapy continued base on neurologist's order for patient and researcher had any changing in drug therapy and only recorded them. Wet-cupping will be applied in 3 stages: between the two scapulas; each wet-cupping treatment procedure will last about 20 min and will be conducted in 3 steps.

Category

Other

2

Description

Drug therapy and temper reform were done. Drug therapy continued base on neurologist's order for patient and researcher had any changing in drug therapy and only recorded them. Temper reform was done by the specific diet for each temperament.

Category

Other

3

Description

Drug therapy was done. Drug therapy continued base on neurologist's order for patient and researcher had any changing in drug therapy and only recorded them.

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Center of cupping in Quchan

Full name of responsible person

Dr. Seyed Ali Javadi

Street address

Davoodi St., Imam St.

City
Quchan

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Vice chancellor for research, Islamic Azad University, Quchan Branch
Full name of responsible person
Hamid Tabatabaee Yazdi
Street address
Islamic Azad University, Quchan Branch
City
Quchan
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, Islamic Azad University, Quchan Branch
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
Islamic Azad University, Quchan Branch
Full name of responsible person
Amir Tabatabaee
Position
MSN
Other areas of specialty/work
Street address
Nursing Department, Islamic Azad University, Quchan Branch
City
Quchan
Postal code
Phone
+98 51 1726 2676
Fax
+98 58 1223 5031
Email
tabatabaei.amir@gmail.com
Web page address

Person responsible for scientific inquiries

Contact
Name of organization / entity
Islamic Azad University, Quchan Branch
Full name of responsible person
Mohammad Zarei
Position
MSN
Other areas of specialty/work
Street address
No.177, Hafez 5
City
Quchan
Postal code
9471636581
Phone
+98 58 1220 1210
Fax
+98 58 1223 5031
Email
m.zarei51@yahoo.com
Web page address

Person responsible for updating data

Contact
Name of organization / entity
Islamic Azad University, Quchan Branch
Full name of responsible person
Mohammad Zarei
Position
MSN
Other areas of specialty/work
Street address
No.177, Hafez 5
City
Quchan
Postal code
9471636581
Phone
+98 58 1220 1210
Fax
+98 58 1223 5031
Email
m.zarei51@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