

Clinical Trial Protocol

Iranian Registry of Clinical Trials

13 Jun 2026

Comparison of the effect of treatment with large Fighra and pulsatile dry cupping in patients with knee osteoarthritis (Before and after treatment) :a randomized controlled exploratory trial

Protocol summary

Study aim

Reducing complications of NSAID use from traditional medicine in patients with knee arthritis.

Design

Patients receive 8 sessions of dry depression for 4 weeks, twice a week. In addition to the kneecap, lumbar lining specialists recommend the same sessions, which increases the effectiveness of the treatment. First, the lining of the waist region is carried out for 5 minutes by means of two glasses on both sides of the waist, followed by a complete knee joint wound for 10 minutes: (Vacuum: 100-200 mbar, intervals: 2 seconds, pulses: 30-50%) Meanwhile, for patients with an iprill, every 12 hours (in the morning one hour after breakfast and at night before bedtime), one person is prescribed.

Settings and conduct

The location of the study is the Traditional and Complementary Medicine Research Center (TCMRC)

Participants/Inclusion and exclusion criteria

Inclusion criteria 1. Genital: Male Weight 2.Sen: 40-80 years old Exit criteria: 1. Current use of anticoagulants or coagulopathy 2. Intradermal corticosteroid or NSAID intramuscular injection within 4 months

Intervention groups

Group 1: Recipient of large Fighra Group 2: Recipient of dry cupping

Main outcome variables

Reducing pain,

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20180617040114N1**

Registration date: **2018-11-09, 1397/08/18**

Registration timing: **retrospective**

Last update: **2018-11-09, 1397/08/18**

Update count: **0**

Registration date

2018-11-09, 1397/08/18

Registrant information

Name

jamal Amri

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 86 3417 3502

Email address

jamal.amri71@gmail.com

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-10-07, 1397/07/15

Expected recruitment end date

2019-01-20, 1397/10/30

Actual recruitment start date

2018-01-05, 1396/10/15

Actual recruitment end date

2018-08-20, 1397/05/29

Trial completion date

empty

Scientific title

Comparison of the effect of treatment with large Fighra and pulsatile dry cupping in patients with knee osteoarthritis (Before and after treatment) :a randomized controlled exploratory trial

Public title

Traditional medicine and knee pain

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:
VAS more than 40 mm During the last 4 weeks, the patient has not received any other treatment other than NSAID treatment Radiological classification according to Kellgren-Lawrence criteria: 2-4

Exclusion criteria:
Current use of anticoagulants or coagulopathy Systemic use of corticosteroid for 4 weeks Get Physical Medicine, Leech and Acupuncture Over the Last 4 Months

Age
From **40 years** old to **80 years** old

Gender
Both

Phase
N/A

Groups that have been masked

- Participant

Sample size
Target sample size: **64**
Actual sample size reached: **50**

Randomization (investigator's opinion)
Not randomized

Randomization description

Blinding (investigator's opinion)
Double blinded

Blinding description
The subjects of the two test groups did not know which group were assigned and the statistical information of the two groups with titles A and B was provided to the statistician. Therefore, the present study was a double-blind study.

Placebo
Not used

Assignment
Factorial

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Arak University of Medical Sciences

Street address

Arak, Sardasht, Basij Square, Arak University of Medical Sciences, Deputy of Research and Technology

City

arak

Province

Markazi

Postal code

3848176341

Approval date

2018-05-13, 1397/02/23

Ethics committee reference number

IR.ARAKMU.REC.1397.46

Health conditions studied

1

Description of health condition studied

Patients with knee osteoarthritis

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Reduce the side effects of taking NSAIDs

Timepoint

Daily

Method of measurement

The severity of pain is measured through the VAS from 0 to 10

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: All patients are male and female aged 40-80 with knee osteoarthritis

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Arak Kowsar Clinic

Full name of responsible person

Seyed Amir Hossein Latifi

Street address

Imam Khomeini street

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381413634

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Arak University of Medical Sciences

Full name of responsible person

Hasan Taher Ahmadi

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

Yes

Title of funding source

Arak University of Medical Sciences

Proportion provided by this source

100

Public or private sector

Public

Domestic or foreign origin

Domestic

Category of foreign source of funding

empty

Country of origin**Type of organization providing the funding**

Academic

Person responsible for general inquiries

Contact**Name of organization / entity**

Arak University of Medical Sciences

Full name of responsible person

Seyed Amir Hossein Latifi

Position

Assistant Professor

Latest degree

Ph.D.

Other areas of specialty/work

Traditional Medicine

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Person responsible for updating data

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Research Expert

Latest degree

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Other areas of specialty/work

Biochemistry

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Sharing plan

Deidentified Individual Participant Data Set (IPD)

No - There is not a plan to make this available

Justification/reason for indecision/not sharing IPD

For possible reasons, participants do not agree to publish their information

Study Protocol

No - There is not a plan to make this available

Statistical Analysis Plan

Not applicable

Informed Consent Form

No - There is not a plan to make this available

Clinical Study Report

No - There is not a plan to make this available

Analytic Code

No - There is not a plan to make this available

Data Dictionary

No - There is not a plan to make this available