Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Nov 2026

Comparison of the effect of treatment with Iarage 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 Iarage 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)

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+98 86 3417 3502

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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 Iarage 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

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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

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Sponsors / Funding sources

1

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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

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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