

Clinical Trial Protocol

Iranian Registry of Clinical Trials

02 Jul 2026

The effect of cupping (Persian Method) on clinical manifestations of patients with COVID-19

Protocol summary

Study aim

The effect of cupping (Persian Method) on clinical manifestations of patients with COVID-19

Design

Clinical trial with control group, with parallel groups, not blind, randomized, phase 2 on 68 patients. 68 packets containing codes 0001 to 0068 were used for randomization. Then, by selecting one and having the selected code and using the output table of Block randomization statistical software, it is determined which group the patient is in the intervention or control group.

Settings and conduct

Patients referring to "Imam Khomeini" Hospital in Sari, "Pakdasht Martyrs" Hospital in Tehran and "Ayatollah Khansari" Hospital in Arak will enter the study at the discretion of Corona. Then, 68 patients between the ages of 18 and 75 with a probable diagnosis of COVID-19 based on national protocol, after applying the inclusion and exclusion criteria of the study and completing the conscious consent form with random blockade are placed in one of the intervention and control groups.

Participants/Inclusion and exclusion criteria

inclusion criteria: Patients between 18 and 75 years of age with a probable diagnosis of COVID-19 based on the protocol of Iran exclusion criteria: comorbidity, pregnancy and lactation, history of allergies and any skin lesions in the area.

Intervention groups

Intervention group: The standard treatment for COVID-19 + hot cupping is 4 cm (T4) on each side of the vertebrae, 4 cm from the spinus process (for 5 minutes with a medium glass with a mouth diameter of 7 cm and a height of 7-9 cm). So that the suction rate is between 10 and 15 mm.); Three times a day for 7 days. control group: Standard treatment of COVID-19 according to the protocol of the Ministry of Health of Iran

Main outcome variables

Blood oxygen saturation, shortness of breath, length of hospital stay

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20131129015584N3**

Registration date: **2020-05-20, 1399/02/31**

Registration timing: **registered_while_recruiting**

Last update: **2020-05-20, 1399/02/31**

Update count: **0**

Registration date

2020-05-20, 1399/02/31

Registrant information

Name

Assie Jokar

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 11 3324 3117

Email address

arezoo2003dr@gmail.com

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2020-05-04, 1399/02/15

Expected recruitment end date

2020-06-19, 1399/03/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of cupping (Persian Method) on clinical manifestations of patients with COVID-19

Public title

The effect of hot cupping on corona symptoms

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria:

Probable diagnosis of COVID-19 based on national Iranian protocol

Exclusion criteria:

Existence of comorbidity Pregnancy and lactation history of Allergy There is any skin lesion in the area

Age

From **18 years** old to **75 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **68**

Randomization (investigator's opinion)

Randomized

Randomization description

Before intervention, each patient selects one of the 68 envelopes that contain the codes 001 to 068, then by having the selected code and using the output table of Block randomization statistical software, it is determined the patient in which group: intervention or controls.

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 of Mazandaran University of Medical Sciences

Street address

Moallem square, Sari, Iran.

City

Sari

Province

Mazandaran

Postal code

۴۸۱۵۷۳۳۹۷۱

Approval date

2020-05-04, 1399/02/15

Ethics committee reference number

IR.MAZUMS.REC.1399.162

Health conditions studied

1

Description of health condition studied

COVID-19

ICD-10 code

U07.1

ICD-10 code description

COVID-19

Primary outcomes

1

Description

Blood oxygen saturation level

Timepoint

0,1,2,3,5,7 days after intervention

Method of measurement

Pulse oximetry

Secondary outcomes

1

Description

degree of dyspnea

Timepoint

0,1,2,3,5,7 days after intervention

Method of measurement

Likert,s scale

2

Description

Duration of hospital stay

Timepoint

7days after intervention

Method of measurement

day

Intervention groups

1

Description

Intervention group: The standard treatment for COVID-19 (Azithromycin daily + Kaletra *2 BD) + hot cupping is 4 cm (T4) on each side of the vertebrae, 4 cm from the spinus process (for 5 minutes with a medium glass with a mouth diameter of 7 cm and a height of 7-9 cm). So that the suction rate is between 10 and 15 mm.); Three times a day for 7 days.

Category

Treatment - Other

2

Description

Control group: Control group: Corona standard treatment based on the protocol of the Ministry of Health of Iran (Azithromycin daily + Kaletra *2 BD).

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Imam Khomeini Hospital

Full name of responsible person

Dr Assie Jokar

Street address

Imam Khomeini Hospital of Sari

City

Sari

Province

Mazandaran

Postal code

4816633131

Phone

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+98 11 3336 3754

Email

publicrel@mazums.ac.ir

Web page address

<https://imamhospital.mazums.ac.ir/page-NImamSariMain/fa/94/form/pld25046>

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Mazandaran University of Medical Sciences

Full name of responsible person

Dr Majid Saidi

Street address

Moallem square

City

Sari

Province

Mazandaran

Postal code

۴۸۱۵۷۳۳۹۷۱

Phone

+98 11 3325 7230

Email

pajhooheshi@mazums.ac.ir

Web page address

<https://pajhooheshi.mazums.ac.ir/page-NPajhooheshiMain/fa/2/form/pld47946>

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

No

Title of funding source

Mazandaran University of Medical Sciences

Proportion provided by this source

80

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

Mazandaran University of Medical Sciences

Full name of responsible person

Assie Jokar

Position

Associate professor

Latest degree

Ph.D.

Other areas of specialty/work

Traditional Medicine

Street address

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Phone

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<https://scholar.google.com/citations?user=25VPUvWA-AAJ&hl=en>

Person responsible for scientific inquiries

Contact

Name of organization / entity

Mazandaran University of Medical Sciences

Full name of responsible person

Assie Jokar

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Person responsible for updating data

Contact

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Sharing plan

Deidentified Individual Participant Data Set (IPD)

Yes - There is a plan to make this available

Study Protocol

Yes - There is a plan to make this available

Statistical Analysis Plan

Undecided - It is not yet known if there will be a plan to make this available

Informed Consent Form

Undecided - It is not yet known if there will be a plan to make this available

Clinical Study Report

Yes - There is a plan to make this available

Analytic Code

Undecided - It is not yet known if there will be a plan to make this available

Data Dictionary

Undecided - It is not yet known if there will be a plan to make this available

Title and more details about the data/document

After the publication of the article, the results and how to perform the intervention will be shared

When the data will become available and for how long

After the publication of the article

To whom data/document is available

All academic people

Under which criteria data/document could be used

After the publication of the article and for other studies and therapeutic use

From where data/document is obtainable

The person responsible for scientific accountability

What processes are involved for a request to access data/document

Communication with the person responsible for scientific accountability

Comments