Clinical Trial Protocol
Iranian Registry of Clinical Trials

02 Nov 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)

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+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 squre, 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
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Imam Khomeini Hospital of Sari
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4816633131
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Web page address
https://imamhospital.mazums.ac.ir/page-NImamSariMain/fa/94/form/pId25046

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 squre
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Web page address
https://pajooheshi.mazums.ac.ir/page-NPajooheshiMain/fa/2/form/pId47946
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
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Traditional Medicine
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Person responsible for scientific inquiries

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Person responsible for updating data

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Ph.D.

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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