Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Nov 2026

Evaluation of the effect of ghamz with needle, based on the knowledge of Persian medicine on improvement of respiratory symptoms of COVID-19 patients admitted to hospital

Protocol summary

Study aim
Determining the effectiveness of acupuncture grief in improving the respiratory symptoms of hospitalized patients with coronavirus

Design
A controlled randomized clinical trial, single blinded, phase 3 on 18 patients, using Random Allocation Software for randomization

Settings and conduct
Samples include patients with coronavirus who are hospitalized in Ali Asghar Hospital in Shiraz. To blind the clinical evaluator, the study groups are named A and B.

Participants/Inclusion and exclusion criteria
Inclusion criteria: The patient's corona virus is approved by PCR test The patient is hospitalized, The patient agrees to participate in the study, The respiratory rate of the patient is more than 30 times per minute, Blood oxygen level should be less than 93%, The patient have pulmonary infiltration according to chest x-ray graph, The patient does not afflict from any serious simultaneous heart, lung, brain, and endocrine disease, Exclusion criteria: The patient suffers from any serious concomitant diseases of the heart, lungs, brain, glands, Patient dissatisfaction with participation in the study, Pregnant and lactating mothers, Existence of any conditions in the patient that, according to the physician's judgment, prevent the continuation of the treatment intervention, Resistant hypoxemia, Hemodynamic instability, Hypercapnia

Intervention groups
In intervention group ghamz with needle will be performed at six points LU5, LU7 and SP6, bilaterally for 20 minutes daily for 7 days. In control group sham therapy will be performed at six points LU5, LU7 and SP6, symmetrically on both sides of the body, (points 5 and 7 of the lung path and point 6 of the spleen path) for 20 minutes daily for 7 days. patients in both groups receive conventional medical treatments.

Main outcome variables
Vital signs and respiratory symptoms of the patient

General information

Reason for update

Acronym

IRCT registration information
IRCT registration number: **IRCT20150825023753N17**
Registration date: **2020-11-01, 1399/08/11**
Registration timing: **retrospective**

Last update: **2020-11-01, 1399/08/11**
Update count: **0**

Registration date
2020-11-01, 1399/08/11

Registrant information

Name
Mohammad Mahdi Parvizi

Name of organization / entity

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Iran (Islamic Republic of)

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Recruitment status
Recruitment complete

Funding source

Expected recruitment start date
2020-04-13, 1399/01/25

Expected recruitment end date
2020-06-09, 1399/03/20

Actual recruitment start date
2020-04-13, 1399/01/25

Actual recruitment end date
2020-06-09, 1399/03/20
Trial completion date
2020-07-20, 1399/04/30

Scientific title
Evaluation of the effect of ghamz with needle, based on the knowledge of Persian medicine on improvement of respiratory symptoms of COVID-19 patients admitted to hospital

Public title
Evaluation of the effect of ghamz with needle on improvement of respiratory symptoms of COVID-19 patients admitted to hospital
Purpose
Treatment
Inclusion/Exclusion criteria
Inclusion criteria:
The patient's coronavirus is approved by PCR test The patient is hospitalized. The patient agrees to participate in the study The respiratory rate of the patient is more than 30 times per minute Blood oxygen level should be less than 93% The patient have pulmonary infiltration according to chest x-ray graph The patient does not afflict from any serious simultaneous heart, lung, brain, and endocrine disease The patient's ability and personal desire to fill out a personal consent form to enter the study
Exclusion criteria:
The patient suffers from any serious concomitant diseases of the heart, lungs, brain, glands Patient dissatisfaction with participation in the study Pregnant and lactating mothers Existence of any conditions in the patient that, according to the physician's judgment, prevent the continuation of the treatment intervention Resistant hypoxemia Hemodynamic instability Hypercapnia
Age
From **18 years** old to **75 years** old
Gender
Both

Phase
2
Groups that have been masked

- Outcome assessor

Sample size
Target sample size: **18**
Actual sample size reached: **18**
Randomization (investigator's opinion)
Randomized
Randomization description
Random allocation software Ink is used to create blocks. Then, patients based on their allocated numbers, From patient number 1 to the last patient, respectively, considering the designed table are placed in groups A or B .
Blinding (investigator's opinion)
Single blinded
Blinding description
The patient and the therapist are aware of the intervention, but the clinical evaluator is unaware of the intervention.
Placebo
Used
Assignment
Parallel
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Ethics committee of Shiraz University of Medical Sciences
Street address
Shiraz University of Medical Sciences, Zand blv., Shiraz, Fars, Iran
City
Shiraz
Province
Fars
Postal code
14336 - 71348
Approval date
2020-04-08, 1399/01/20
Ethics committee reference number
IR.SUMS.REC.1399.043

Health conditions studied

1

Description of health condition studied
Coronavirus infection
ICD-10 code
B34.2
ICD-10 code description
Coronavirus infection, unspecified

Primary outcomes

1

Description
Respiratory rate per minutes
Timepoint
Daily
Method of measurement
Using a vital signs monitoring device (heart monitoring)

2

Description
Percentage of blood oxygen saturation
Timepoint
Daily

Method of measurement
Pulse oximeter device

3

Description
Cough
Timepoint
Daily
Method of measurement
Visual Analogue Scale (VAS)

4

Description
Dyspnea
Timepoint
Daily
Method of measurement
Visual Analogue Scale (VAS)

5

Description
Body temperature (fever)
Timepoint
Daily
Method of measurement
Thermometer

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group: In intervention group ghamz with needle will be performed at six points LU5, LU7 and SP6, symmetrically on both sides of the body, (points 5 and 7 of the lung path and point 6 of the spleen path) for 20 minutes daily for 7 days. In addition, patients receive conventional medical treatments according to the instructions issued by the Ministry of Health.
Category
Treatment - Other

2

Description
Control group: In control group sham therapy will be performed at six points LU5, LU7 and SP6, symmetrically on both sides of the body, (points 5 and 7 of the lung path and point 6 of the spleen path) for 20 minutes daily for 7 days. In addition, patients receive conventional medical treatments according to the instructions issued by the Ministry of Health.
Category
Placebo

Recruitment centers

1

Recruitment center
Name of recruitment center
Ali Asghar Hospital
Full name of responsible person
Dr. Amir Mohammad Jaladat
Street address
Meshkin Faam Street
City
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17439-18796
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Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Shiraz University of Medical Sciences
Full name of responsible person
Dr. Younes Ghasemi
Street address
7th floor,Vice Chancellor of Research, Shiraz University of Medical Sciences, Zand Blvd., Shiraz, Iran
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vcrdep@sums.ac.ir
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Shiraz 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
Shiraz University of Medical Sciences

Full name of responsible person
Dr. Amir Mohammad Jaladat

Position
Assistant professor

Latest degree
Ph.D.

Other areas of specialty/work
Traditional Medicine

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Position
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Latest degree
Ph.D.

Other areas of specialty/work
Traditional Medicine

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Person responsible for updating data

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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
Yes - There is a plan to make this available

Informed Consent Form
Yes - There is a plan to make this available

Clinical Study Report
Yes - There is a plan to make this available

Analytic Code
Yes - There is a plan to make this available

Data Dictionary
Yes - There is a plan to make this available

Title and more details about the data/document
Demographic data and the result of the clinical trial

When the data will become available and for how long
6 month later

To whom data/document is available
Researchers

Under which criteria data/document could be used
After publication of the extracted article of the clinical trial

From where data/document is obtainable
Sending Email to the researchers

What processes are involved for a request to access data/document
Sending the request via the email

Comments