Clinical Trial Protocol
Iranian Registry of Clinical Trials

02 Nov 2026

The effect of natural medicine product (MOCOZIFT®) on clinical manifestations and para clinical features in patients with COVID-19: a randomized clinical trial

Protocol summary

Study aim
The effect of natural medicine product (MOCOZIFT®) on clinical manifestations and para clinical features in patients with COVID-19: a randomized clinical trial

Design
Forth phase of a randomized controlled triple blind clinical trial with 184 participants. Randomization was done by software

Settings and conduct
Patients referred to Masih Daneshvari hospital in Tehran with laboratory confirmed 2019-nCoV infection with similar treatment regimen enter the trial after signing the informed consent form Participants will be randomly divided in two groups; intervention group which receive Remdesivir and Mocozift syrup and control group receiving Remdesivir and placebo for five days Vital signs, blood cell differentiation also severity of dyspnea, cough, anorexia and fatigue will be assessed by standard tests and questionnaires, before intervention and in the fifth day of intervention Finally the results will be analyzed using SPSS software This study is a triple blind clinical trial and patients, outcome assessor and data analyst will be blind to the contents of products

Participants/Inclusion and exclusion criteria
Inclusion criteria: age older than 18 years, patients with COVID-19, prescription of Remdesivir for outpatient use, avoiding use of other traditional medicines or supplements, signing the informed consent form and exclusion criteria: participation in other clinical trials, history of hypersensitivity to natural or herbal products

Intervention groups
1. Patients receiving Remdesivir and Mocozift syrup 2. Patients receiving Remdesivir and placebo

Main outcome variables
Cough severity, dyspnea severity, appetite, fatigue severity

General information

Reason for update

Acronym

IRCT registration information
IRCT registration number: **IRCT20221019056241N1**
Registration date: **2022-10-24, 1401/08/02**
Registration timing: **prospective**

Last update: **2022-10-24, 1401/08/02**
Update count: **0**

Registration date
2022-10-24, 1401/08/02

Registrant information

Name
Behnaz Najafi

Name of organization / entity
Behdane baran pharmaceutical company

Country
Iran (Islamic Republic of)

Phone
+98 21 6657 6805

Email address
najafi_b90@yahoo.com

Recruitment status
Recruitment complete

Funding source

Expected recruitment start date
2022-11-01, 1401/08/10

Expected recruitment end date
2023-03-20, 1401/12/29

Actual recruitment start date
empty

Actual recruitment end date
empty

Trial completion date

empty

Scientific title
The effect of natural medicine product (MOCOZIFT®) on clinical manifestations and para clinical features in patients with COVID-19: a randomized clinical trial

Public title
The effect of Mocozift® syrup on patients with COVID-19

Purpose
Treatment

Inclusion/Exclusion criteria

Inclusion criteria:
Age older than 18 years Confirmed COVID-19 infection using PCR test Prescription of Remdesivir for outpatient use Avoiding use of other traditional medicine or supplements during the trial signing the informed consent form

Exclusion criteria:
Participating in other clinical trials History of hypersensitivity reactions to natural or herbal medicines

Age
From **18 years** old

Gender
Both

Phase
4

Groups that have been masked

- Participant
- Outcome assessor
- Data analyser

Sample size
Target sample size: **184**

Randomization (investigator's opinion)
Randomized

Randomization description
The randomization is done using computer software (two computer-generated random lists). In this way, each individual is assigned a unique code and is attached to drug packages that will help the blind process.

Blinding (investigator's opinion)
Triple blinded

Blinding description
In this three-blind study , patient and clinical outcome assessor and data analyst do not have any type of data and medications. The drugs are encoded and placed on the patient and medical personnel.

Placebo
Used

Assignment
Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Ethics committee of Shahid Beheshti University of Medical Sciences

Street address
Darabad Ave., Bahonar St. (Niavaran)

City
Tehran

Province
Tehran

Postal code
1956944413

Approval date
2022-05-19, 1401/02/29

Ethics committee reference number
IR.SBMU.NRITLD.REC.1401.020

Health conditions studied

1

Description of health condition studied
COVID-19 infection

ICD-10 code
B34.2

ICD-10 code description
Coronavirus infection, unspecified

Primary outcomes

1

Description
The score of dyspnea severity according to Modified Medical Research Council Dyspnea Scale

Timepoint
One day before medicinal intervention and fifth day of intervention

Method of measurement
Modified Medical Research Council Dyspnea Scale

2

Description
Cough severity

Timepoint
One day before medicinal intervention and fifth day of intervention

Method of measurement
Cough visual analogue scale

3

Description
Appetite

Timepoint
One day before medicinal intervention and fifth day of intervention

Method of measurement
Simplified Nutritional Appetite Questionnaire (SNAQ)

4

Description
Fatigue severity
Timepoint
One day before medicinal intervention and fifth day of intervention
Method of measurement
Fatigue Severity Scale (FSS)

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group: patients in this group use 5 milliliters of natural product (brand name: Mocozift) produced in Behdane Baran pharmaceutical company, three times a day for five days
Category
Treatment - Drugs

2

Description
Control group: patients in this group use 5 milliliters of placebo three times a day for five days
Category
Placebo

Recruitment centers

1

Recruitment center
Name of recruitment center
Masih Daneshvari Hospital
Full name of responsible person
Babak Daneshfard
Street address
Darabad Ave., Bahonar St. (Niavaran)
City
Tehran
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Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Shahid Beheshti University of Medical Sciences
Full name of responsible person
Ali Abdolahinia
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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
Shahid Beheshti 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
Shahid Beheshti University of Medical Sciences
Full name of responsible person
Babak Daneshfard
Position
Iranian Medicine specialist
Latest degree
Ph.D.
Other areas of specialty/work
Traditional Medicine
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Person responsible for scientific inquiries

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Person responsible for updating data

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Name of organization / entity
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Full name of responsible person
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researcher

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Sharing plan

Deidentified Individual Participant Data Set (IPD)
Undecided - It is not yet known if there will be a plan to make this available

Study Protocol
Undecided - It is not yet known if there will be 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
Undecided - It is not yet known if there will be 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