

Clinical Trial Protocol

Iranian Registry of Clinical Trials

09 Jun 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 Mocoziift® 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: Mocozipt) 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

Province

Tehran

Postal code

1956944413

Phone

+98 21 2712 3000

Email

pr.nritld@sbmu.ac.ir

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Shahid Beheshti University of Medical Sciences

Full name of responsible person

Ali Abdolahinia

Street address

Darabad Ave., Bahonar St. (Niavaran)

City

Tehran

Province

Tehran

Postal code

1956944413

Phone

+98 21 2712 3000

Email

pr.nritld@sbmu.ac.ir

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

Street address

Darabad Ave., Bahonar St. (Niavaran)

City

Tehran

Province

Tehran

Postal code

1956944413

Phone

+98 21 2712 3000

Email

babakdaneshfard@gmail.com

Person responsible for scientific inquiries

Contact

Name of organization / entity

Shahid Beheshti University of Medical Sciences

Full name of responsible person

Ali Abdolahinia

Position

Iranian Medicine specialist

Latest degree

Ph.D.

Other areas of specialty/work

Traditional Medicine

Street address

Darabad Ave., Bahonar St. (Niavaran)

City

Tehran

Province

Tehran

Postal code

1956944413

Phone

+98 21 2712 3000

Email

aaliabd@gmail.com

Person responsible for updating data

Contact

Name of organization / entity

Behdane Baran pharmaceutical company

Full name of responsible person

Behnaz Najafi

Position

researcher

Latest degree

Medical doctor

Other areas of specialty/work

Medical Pharmacy

Street address

No 13. West Nosrat St. Tohid square.

City

Tehran

Province

Tehran

Postal code

1457785588

Phone

+98 21 6657 6805

Email

najafi_b90@yahoo.com

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