

Clinical Trial Protocol

Iranian Registry of Clinical Trials

31 May 2026

Evaluation of the effectiveness of Noscatem herbal syrup on the clinical symptoms of outpatients with COVID-19

Protocol summary

Study aim

Determining the effectiveness of Noscatem syrup in the treatment of outpatients Covid 19 and also evaluating its effects on reducing mortality or hospitalization due to (SARS-CoV-2)

Design

This is a double-blind clinical study of phases 2-3. This study will be performed on 140 patients who are divided into two groups. Randomly, a group of outpatients with COVID-19 are given Noscatem syrup three times a day, two tablespoons at a time, and a group of placebo is given the placebo syrup for 10 days with common medications. The blocking method and randomization site "Randomaize.com" are used for randomization. Patients are followed up during this period in terms of clinical symptoms and severity of the disease and the need for hospitalization.

Settings and conduct

This study is performed in 16-hour clinics of Covid-19 in Mashhad. In this study, the physician, patient, and data analyst are unaware of the medication.

Participants/Inclusion and exclusion criteria

Outpatients with COVID-19; Confirmation of RT-PCR test for SARS-CoV-2; Blood oxygen saturation more than 90%; Age 18-60 years;

Intervention groups

Placebo group: receiving common treatments + placebo syrup three times a day, 2 tablespoons each time (placebo syrup prepared by Tamad Pharmaceutical Company), Intervention group: receiving common treatments + Noscatem syrup prepared by Tamad Pharmaceutical Company three times a day, 2 tablespoons each time equivalent to 20 mg

Main outcome variables

The rate of recovery time from the time of randomization of patients to the improvement of clinical symptoms including fever, cough and myalgia

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20180103038199N11**

Registration date: **2022-02-09, 1400/11/20**

Registration timing: **prospective**

Last update: **2022-02-09, 1400/11/20**

Update count: **0**

Registration date

2022-02-09, 1400/11/20

Registrant information

Name

Vahid Reza Askari

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 51 3800 2264

Email address

askariv941@mums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2022-02-20, 1400/12/01

Expected recruitment end date

2023-03-19, 1401/12/28

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation of the effectiveness of Noscatem herbal syrup on the clinical symptoms of outpatients with COVID-19

Public title

Noscatem and COVID-19

Purpose

Treatment

Inclusion/Exclusion criteria**Inclusion criteria:**

Outpatients with COVID-19 Confirmed with RT-PCR SPO2 more than 90% Age between 18 to 60 years old

Exclusion criteria:

Pregnant women Breastfeeding women

Age

From **18 years** old to **70 years** old

Gender

Both

Phase

2-3

Groups that have been masked

- Participant
- Care provider
- Outcome assessor

Sample size

Target sample size: **70**

Randomization (investigator's opinion)

Randomized

Randomization description

The volume of each block will be 4. Then write a list of blocks and assign numbers to them, for example (AABB (1) - BBAA (2) - BABA (3) - BAAB (4)) which according to the sample size of 140 people, we have 35 blocks. Then, random numbers between one and 35 are selected according to the Randomaize.com randomization site, and finally, the treatment allocation list is determined based on random numbers.

Blinding (investigator's opinion)

Double blinded

Blinding description

Due to the use of a placebo similar to interventional therapy, the physician associated with the participants and participants will not be informed of the assigned treatment and also the analyst will be unaware of the treatment assigned to the two groups. Finally, after analyzing the data, the researcher who prepared the packages reveals codes A and B.

Placebo

Used

Assignment

Parallel

Other design features**Secondary Ids**

empty

Ethics committees**1**

Ethics committee

Name of ethics committee

Ethics committee of Mashhad University of Medical Sciences

Street address

Deputy of Research and Technology of the University, Qurashi Building, Next to Hoveyze Cinema, University Street

City

Mashhad

Province

Razavi Khorasan

Postal code

9138813944

Approval date

2021-09-07, 1400/06/16

Ethics committee reference number

IR.MUMS.MEDICAL.REC.1400.375

Health conditions studied**1****Description of health condition studied**

COVID-19 disease

ICD-10 code

U07.1

ICD-10 code description

COVID-19

Primary outcomes**1****Description**

Time to recover from illness based on questionnaire

Timepoint

before intervention and 3, 7 and 14 days after beginning the intervention

Method of measurement

questionnaire

Secondary outcomes

empty

Intervention groups**1****Description**

Intervention group: receiving common treatments, including adult cold two tablets every eight hours, one tablespoon of diphenhydramine syrup every 8 hours, vitamin C 1000 mg effervescent + Noscatem syrup (10 mg/5ml) prepared by Tamad Pharmaceutical Company three times a day and each time two tablespoons that is equivalent to 20 mg noscapine hydrochloride

Category

Treatment - Drugs

2

Description

Control group: receiving common treatments, including adult cold two tablets every eight hours, one tablespoon of diphenhydramine syrup every 8 hours, vitamin C 1000 mg effervescent + placebo syrup three times a day, 2 tablespoons each time (placebo syrup prepared by Tamad Pharmaceutical Company)

Category

Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center

16hours corona centers

Full name of responsible person

Dr Vahid Reza Askari

Street address

Mashhad university of medical science, Azadi square

City

Mashhad

Province

Razavi Khorasan

Postal code

9177948564

Phone

+98 51 3800 2000

Email

askariv@mums.ac.ir

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Mashhad University of Medical Sciences

Full name of responsible person

Dr Majid Ghaïour Mobarhan

Street address

Deputy of Research and Technology of the University
, Qurashi Building, Next to Hoveyzeh Cinema,
University Street

City

Mashhad

Province

Razavi Khorasan

Postal code

9138813944

Phone

+98 51 3841 2081

Email

ramresearch@mums.ac.ir

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

No

Title of funding source

Temad Pharmaceutical Company

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

Industry

Person responsible for general inquiries

Contact

Name of organization / entity

Mashhad University of Medical Sciences

Full name of responsible person

Vahid Reza Askari

Position

Assistant professor of clinical pharmacology

Latest degree

Ph.D.

Other areas of specialty/work

Medical Pharmacy

Street address

Faculty of medicine, Paradise of University, Vakil-
Abad Blvd., Azadi Sq., Mashhad

City

Mashhad

Province

Razavi Khorasan

Postal code

9177948564

Phone

+98 51 3800 2000

Fax

Email

askariv@mums.ac.ir

Person responsible for scientific inquiries

Contact

Name of organization / entity

Mashhad University of Medical Sciences

Full name of responsible person

Vahid Reza Askari

Position

Assistant professor of clinical pharmacology

Latest degree

Ph.D.

Other areas of specialty/work

Medical Pharmacy

Street address

Faculty of medicine, Paradise of University, Vakil-
Abad Blvd., Azadi Sq., Mashhad

City

Mashhad

Province

Razavi Khorasan
Postal code
9177948564
Phone
+98 51 3800 2000
Fax
Email
askariv@mums.ac.ir

9177948564
Phone
+98 51 3800 2000
Fax
Email
askariv@mums.ac.ir

Person responsible for updating data

Contact

Name of organization / entity
Mashhad University of Medical Sciences
Full name of responsible person
Vahid Reza Askari
Position
Assistant professor of clinical pharmacology
Latest degree
Ph.D.
Other areas of specialty/work
Medical Pharmacy
Street address
Faculty of medicine, Paradise of University, Vakil-
Abad Blvd., Azadi Sq., Mashhad
City
Mashhad
Province
Razavi Khorasan
Postal code

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