

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

19 Oct 2020

### Evaluation efficacy of "Curcumin and Resveratrol" capsule in controlling symptoms in patients with COVID-19

#### Protocol summary

##### Study aim

Evaluation efficacy of 'Curcumin and Resveratrol' Capsule in controlling symptoms in patients with COVID-19

##### Design

This study is a single-center, prospective, randomized, open-labeled, controlled, parallel phase 3 clinical trial.

##### Settings and conduct

Patients who is admitted to Baqiyatallah hospital, and is met the inclusion criteria, will be participated to the study, and randomly be assigned into intervention and control group.

##### Participants/Inclusion and exclusion criteria

Inclusion criteria: age equal or more than 18 years; The patient have written consciously and freely consent to participate in the study. The patient's clinical symptoms (dry cough, shortness of breath, fever) confirm COVID-19. Confirmed diagnosis of COVID-19, with either lung CT-Scan result, which is typical for COVID-19 pulmonary involvement, or RT-PCR confirmation. Less than 7 days have passed since the onset of symptoms  
Exclusion criteria: history of allergy to ingredients; hypersensitivity reaction while taking drug; The patient is participated in another clinical trial at the same time; The patient needs to receive medical care from the intensive care unit.

##### Intervention groups

Intervention group: "Curcumin and Resveratrol" Capsule 500 mg, 1 Cap. every 12 hours for 7 days (In addition to routine treatment according to the latest national guideline for the treatment of new corona-virus). Control group: routine treatment according to the latest national guideline for the treatment of new corona-virus.

##### Main outcome variables

Clinical symptoms changes (dry cough, respiratory distress, fever)

#### General information

##### Reason for update

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT20080901001165N56**

Registration date: **2020-05-23, 1399/03/03**

Registration timing: **registered\_while\_recruiting**

Last update: **2020-05-23, 1399/03/03**

Update count: **0**

##### Registration date

2020-05-23, 1399/03/03

##### Registrant information

##### Name

Yunes Panahi

##### Name of organization / entity

Baqiyatallah University of Medical Sciences

##### Country

Iran (Islamic Republic of)

##### Phone

+98 21 8821 1524

##### Email address

yunespanahi@bmsu.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

##### Expected recruitment start date

2020-05-16, 1399/02/27

##### Expected recruitment end date

2020-07-17, 1399/04/27

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

## Scientific title

Evaluation efficacy of "Curcumin and Resveratrol" capsule in controlling symptoms in patients with COVID-19

## Public title

Evaluation efficacy of "Curcumin and Resveratrol" capsule in controlling symptoms in patients with COVID-19

## Purpose

Treatment

## Inclusion/Exclusion criteria

### Inclusion criteria:

Age: equal or more than 18 years; The patient have written consciously and freely consent to participate in the study. The patient's clinical symptoms (dry cough, shortness of breath, fever) confirm COVID-19. Confirmed diagnosis of COVID-19, with either lung CT-Scan result, which is typical for COVID-19 pulmonary involvement, or RT-PCR confirmation. Less than 7 days have passed since the onset of symptoms.

### Exclusion criteria:

History of allergy to the ingredients; Hypersensitivity reaction while taking this herbal nasal spray; The patient is in another clinical trial at the same time; The patient needs to receive medical care from the intensive care unit; Pregnancy; Lactation.

## Age

From **18 years** old

## Gender

Both

## Phase

3

## Groups that have been masked

*No information*

## Sample size

Target sample size: **60**

## Randomization (investigator's opinion)

Randomized

## Randomization description

Block Randomization method is used to randomized the patients. In this method, the number of people assigned to each group is usually almost equal. Blocks are formed based on the considered variables and within each block, half of the people are involved and half are considered as witnesses. The main goal in this method is to balance the number of participants in each group.

## 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 Baqiyatallah University of Medical Science

##### Street address

Baqiyatallah University of Medical Science, south Sheikh-Bahaei St., Mollasadra St., Vanak Sq., Tehran, Iran

##### City

Tehran

##### Province

Tehran

##### Postal code

1435916471

##### Approval date

2020-05-02, 1399/02/13

##### Ethics committee reference number

IR.BMSU.REC.1399.129

## 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

Clinical symptoms (dry cough)

#### Timepoint

Daily monitoring, but the result of baseline (before the initiation of intervention), and day 7 from the initiation, is recorded.

#### Method of measurement

Physical examination, questionnaire

### 2

#### Description

Clinical symptoms (respiratory distress)

#### Timepoint

Daily monitoring, but the result of baseline (before the initiation of intervention), and day 7 from the initiation, is recorded.

#### Method of measurement

Pulse-oxymetry device

### 3

#### Description

Clinical symptoms (fever)

### **Timepoint**

Daily monitoring, but the result of baseline (before the initiation of intervention), and day 7 from the initiation, is recorded.

### **Method of measurement**

Thermometer

## **Secondary outcomes**

### **1**

#### **Description**

Lab. tests changes

#### **Timepoint**

Daily monitoring, but the before the intervention initiation (baseline) and day 7 results will recorded on designed checklist.

#### **Method of measurement**

Blood sample, laboratory analysis

### **2**

#### **Description**

Side effects

#### **Timepoint**

Daily monitoring

#### **Method of measurement**

Clinical examination

## **Intervention groups**

### **1**

#### **Description**

Intervention group: "Curcumin and Resveratrol" Capsule (Each capsule contains 200 mg of curcumin, 200 mg of resveratrol as active ingredients, and 100 mg of lactose as filler), 1 Cap. every 12 hours, for 7 days (In addition to routine treatment according to the latest national guideline for the treatment of new corona-virus).

#### **Category**

Treatment - Drugs

### **2**

#### **Description**

Control group: routine treatment according to the latest national guideline for the treatment of new corona-virus.

#### **Category**

Treatment - Drugs

## **Recruitment centers**

### **1**

#### **Recruitment center**

##### **Name of recruitment center**

Baqiyatallah hospital

##### **Full name of responsible person**

Morteza Izadi

##### **Street address**

Baqiyatallah hospital, Mollasadra St., Vanak Sq.,

Tehran, Iran.

##### **City**

Tehran

##### **Province**

Tehran

##### **Postal code**

1435916471

##### **Phone**

+98 21 8245 5393

##### **Email**

morteza\_izadi@yahoo.com

## **Sponsors / Funding sources**

### **1**

#### **Sponsor**

##### **Name of organization / entity**

Bagheiat-allah University of Medical Sciences

##### **Full name of responsible person**

Gholamhosein Alishiri

##### **Street address**

Baqiyatallah University of Medical Science, south Sheikh-Bahaei St., Mollasadra St., Vanak Sq., Tehran, Iran.

##### **City**

Tehran

##### **Province**

Tehran

##### **Postal code**

1435916471

##### **Phone**

+98 21 8245 5393

##### **Email**

R.bmsu@yahoo.com

#### **Grant name**

#### **Grant code / Reference number**

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

Yes

#### **Title of funding source**

Bagheiat-allah 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**

Bagheiat-allah University of Medical Sciences

##### **Full name of responsible person**

Rouhollah Ahmadiyan

##### **Position**

Student

**Latest degree**

A Level or less

**Other areas of specialty/work**

Medical Pharmacy

**Street address**

Pharmacy faculty, Baqiyatallah University of medical science, South Sheikh-Bahaei St., Molladsadra St., Vanak Sq., Tehran, Iran

**City**

Tehran

**Province**

Tehran

**Postal code**

1417614411

**Phone**

+98 21 6695 4709

**Email**

Roohollah.ahmadian75@yahoo.com

**Person responsible for scientific inquiries**

**Contact**

**Name of organization / entity**

Bagheiat-allah University of Medical Sciences

**Full name of responsible person**

Yunes Panahi

**Position**

Professor

**Latest degree**

Specialist

**Other areas of specialty/work**

Critical Care Pharmacotherapy

**Street address**

Baqiyatallah university of medical science, south Sheikh-Bahaei St., Mollasadra St., Vanak Sq., Tehran, Iran

**City**

Tehran

**Province**

Tehran

**Postal code**

1435916471

**Phone**

+98 21 8245 5393

**Email**

Yunespanahi@yahoo.com

**Person responsible for updating data**

**Contact**

**Name of organization / entity**

Tehran University of Medical Sciences

**Full name of responsible person**

Parisa Kianpour

**Position**

Assistant

**Latest degree**

Specialist

**Other areas of specialty/work**

Pharmacotherapy

**Street address**

Pharmacy faculty, Tehran University of medical science, 16-Azar St., Enghelab Sq., Tehran, Iran

**City**

Tehran

**Province**

Tehran

**Postal code**

1417614411

**Phone**

+98 21 6695 4709

**Email**

parisa\_kianpour@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