Clinical Trial Protocol
Iranian Registry of Clinical Trials

09 Jun 2026

Evaluation of therapeutic effect of Simospan syrup (contains of Thymus vulgaris, Hedera helix, Honey and Vitamin C) on duration of hospitalization in covid-19 patients

Protocol summary

Study aim
Evaluation of the therapeutic effect of Simospan syrup (contains Thymus vulgaris, Hedera helix, Honey, and Vitamin C) on the duration of hospitalization of covid-19 patients

Design
The current study is a clinical trial with a control group, randomized, single-blind on 52 patients (26 patients in each group).

Settings and conduct
Sampling will be done in Vasei hospital. After obtaining conscious consent from qualified patients, first, all of them in terms of the main clinical variable (pulmonary function test) matched and then randomly divided into control and intervention groups. Treatment time is considered 5 days.

Participants/Inclusion and exclusion criteria
Inclusion criteria: hospitalized patients diagnosed with covid-19; age between 30-60 years; the amount of oxygen saturation below 93%. Exclusion criteria: pregnancy; lactation; organ damage.

Intervention groups
control group: receive routine treatment based on physician's order. intervention group: receive routine treatment based on physician's order and receive simospan syrup

Main outcome variables
laboratory parameters, duration of hospitalizations, and the spent time to the improvement

General information

Reason for update

Acronym

IRCT registration information
IRCT registration number: **IRCT20210621051642N1**
Registration date: **2021-07-05, 1400/04/14**
Registration timing: **registered_while_recruiting**

Last update: **2021-07-05, 1400/04/14**
Update count: **0**

Registration date
2021-07-05, 1400/04/14

Registrant information

Name
Sajad Seyedi

Name of organization / entity

Country
Iran (Islamic Republic of)

Phone
+98 51 4401 1954

Email address
sajadseyedi2004@gmail.com

Recruitment status
Recruitment complete

Funding source

Expected recruitment start date
2021-06-26, 1400/04/05

Expected recruitment end date
2021-09-23, 1400/07/01

Actual recruitment start date
empty

Actual recruitment end date
empty

Trial completion date
empty

Scientific title
Evaluation of therapeutic effect of Simospan syrup (contains of Thymus vulgaris, Hedera helix, Honey and Vitamin C) on duration of hospitalization in covid-19 patients

Public title

Evaluation of therapeutic effect of Simospan syrup on covid-19

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:

Age limitation (30-60 years old) Hospitalized patients with CT-scan findings in favor of Covid-19 disease Hospitalized patients with the amount of blood oxygen saturation below 93% Hospitalized patients with Chest X-ray findings in favor of pneumonia Hospitalized patients without underlying disease

Exclusion criteria:

Pregnancy and lactation End-stage Covid-19 patients Patients diagnosed with underlying disease and organ damage

Age

From **30 years** old to **60 years** old

Gender

Both

Phase

2-3

Groups that have been masked

- Outcome assessor
- Data analyser

Sample size

Target sample size: **52**

Randomization (investigator's opinion)

Randomized

Randomization description

Randomization will be done based on the table of random numbers using Excel software and with the Randbetween command between 52 samples. The control group(A) does not receive any treatment over common treatment.The 26 numbers of intervention group(B) receives the simospan syrup,. Patients numbers from 000-026 and 027-052 are considered for groups A and B respectively.

Blinding (investigator's opinion)

Single blinded

Blinding description

Analyzer and data collecting man not be aware of intervention type and participants in control and intervention groups.so the trial will be run as single-blind.

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Sabzevar University of Medical Sciences

Street address

Nuclear martyrs boulevard-Above the memorial of the anonymous martyrs-sabzevar university of med-sci pardis

City

Sabzevar

Province

Razavi Khorasan

Postal code

9617913114

Approval date

2021-06-20, 1400/03/30

Ethics committee reference number

IR.MEDSAB.REC.1400.044

Health conditions studied

1

Description of health condition studied

covid-19

ICD-10 code

U07.1

ICD-10 code description

COVID-19, virus identified

Primary outcomes

1

Description

The spent time to illness improvement

Timepoint

Before and 5 days after the start of intervention

Method of measurement

Variable type is qualitative and its scale is nominal.the criterion of recovery records and descripts based on observations of data collecting man in checklist.relative criterion based on clinical symptoms:1-non-admission along with the return of normal activity-2-non-admission along without the return of normal activity-3-admission without the need for oxygentherapy-4-admission with the need for oxygentherapy-5-admission with the need to receive high speed oxygen from the nose or non invasive ventilation or both-6-admission with the need to receive oxygen therapy with invasive ventilation or oxygen therapy from non pulmonary pathways or both-7-patient's death

2

Description

Discharge from hospital

Timepoint

After the start of intervention

Method of measurement

Duration of hospitalization

Secondary outcomes

1

Description
The blood level of ALT enzyme
Timepoint
Before and 5 days after the start of intervention
Method of measurement
Spectrometer

2

Description
The blood level of BUN
Timepoint
Before and 5 days after the start of intervention
Method of measurement
Spectrometer

3

Description
The blood level of creatinine
Timepoint
Before and 5 days after the start of intervention
Method of measurement
Spectrometer

4

Description
The blood level of AST enzyme
Timepoint
Before and 5 days after the start of intervention
Method of measurement
Spectrometer

5

Description
RBC count
Timepoint
Before and 5 days after the start of intervention
Method of measurement
Cell counter

6

Description
WBC count
Timepoint
Before and 5 days after the start of intervention
Method of measurement
Cell counter

7

Description
The blood level of HG
Timepoint
Before and 5 days after the start of intervention
Method of measurement
Auto analyzer machine

8

Description
The blood level of HCT
Timepoint
Before and 5 days after the start of intervention
Method of measurement
Auto analyzer machine

9

Description
CRP blood test
Timepoint
Before and 5 days after the start of intervention
Method of measurement
ELISA kits

10

Description
ESR test
Timepoint
Before and 5 days after the start of intervention
Method of measurement
Wintrobe method

Intervention groups

1

Description
Control group: routine treatment based on physician's order
Category
Treatment - Other

2

Description
Intervention group: routine treatment based on physician's order and simospan syrup (every 8 hours 6 cc for 5 days)
Category
Treatment - Drugs

Recruitment centers

1

Recruitment center
Name of recruitment center
Vasei hospital
Full name of responsible person
Sajad Seyedi
Street address
Nuclear martyrs boulevard-
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Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Sabzevar University of Medical Sciences
Full name of responsible person
Vasei Hospital clinical research development center
Street address
Vasei Hospital,Nuclear martyrs Blvd
City
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9617747431
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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
Sabzevar 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
Sabzevar University of Medical Sciences
Full name of responsible person
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Position
Hospital pharmacist
Latest degree
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Medical Pharmacy
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Person responsible for updating data

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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