Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Nov 2026

The effect of Hyssop and Verbascum herbal tea on clinical symptoms of Covide-19.

Protocol summary

Study aim

Surveying the effect of Hyssop and Verbascum herbal tea on clinical symptoms of Covide-19

Design

Clinical trial with control group، Community-based and forward-looking، With parallel groups(Intervention and control)، Two-way blind، Random، One step، Sample size 50 people(25 persons in each group)، Persons were studied in a simple random method and using a table of random numbers and individually placed in two groups of intervention and control.

Settings and conduct

The study population was patients over 18 years to 65 years with Corona disease. In this study, the improvement of Corona disease symptoms after 10 days is compared with two methods of using herbal tea and common treatment under equal conditions. In this study, an information collection form is used which is evaluated every 24 hours and the resulting scores are compared in both.

Participants/Inclusion and exclusion criteria

Entry requirements: Patients who are clinically proven by PCR and different views on CT scan (With the confirmation of an infectious disease specialist)-- Clinically be in moderate and severe groups- Without organ damage- Age over 18 years- Be in a stable cardiovascular condition. Exit conditions: Patient death during study- Reluctance to continue cooperation- Occurrence of any allergies following the use of plants- Patient treated with chemotherapy or radiotherapy- History of cancer- History of chronic autoimmune diseases- People with seizures and epilepsy- Nervous patients- Pregnancy- breastfeeding End Stage- Individuals with chronic renal failure- Liver failure- Encephalopathy - Neuropathy.

Intervention groups

Intervention group: Using the Hyssop and Verbascum herbal tea three times a day for patients with Covid 19 disease along with commonly used treatments. Control group: Using the common treatments that used in Corona sections.

Main outcome variables

Improving the symptoms of Covide-19 disease.

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20100130003227N15**
Registration date: **2020-12-10, 1399/09/20**
Registration timing: **prospective**

Last update: **2020-12-10, 1399/09/20**
Update count: **0**

Registration date

2020-12-10, 1399/09/20

Registrant information

Name
Ashraf Salehi
Name of organization / entity
Arak University of Medical Sciences
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Iran (Islamic Republic of)
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+98 86 5222 7550
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salehi.a@arakmu.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2020-12-21, 1399/10/01

Expected recruitment end date

2021-12-22, 1400/10/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of Hyssop and Verbascum herbal tea on clinical symptoms of Covide-19.

Public title

The effect of Hyssop and Verbascum herbal tea on clinical symptoms of Covide-19.

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:

Patients who are clinically proven by PCR and different views on CT scan (With the confirmation of an infectious disease specialist). Clinically be in moderate and severe groups. Without organ damage. Age over 18 years. Be in a stable cardiovascular condition.

Exclusion criteria:

Patient death during study Reluctance to continue cooperation Occurrence of any allergies following the use of plants Patient treated with chemotherapy or radiotherapy History of cancer History of chronic autoimmune diseases People with seizures and epilepsy Nervous patients Pregnancy Breastfeeding End Stage People with chronic kidney failure Liver failure Encephalopathy Neuropathy

Age

From **18 years** old to **65 years** old

Gender

Both

Phase

N/A

Groups that have been masked

- Participant
- Care provider
- Investigator
- Outcome assessor

Sample size

Target sample size: **50**

Randomization (investigator's opinion)

Randomized

Randomization description

Randomization method and description: The randomization method is based on gradual references and having the inclusion criteria and interest in participating in the study. Randomization unit: Man Random layers: Material of randomization tool: Random number table How to build a random sequence: Sequence Allocation concealment: The subjects are randomly assigned to two groups (intervention and control) using a table of random numbers. The randomization sequence will be generated based on 4 random permutation blocks using a web-based software (from website: https://www.sealedenvelope.com). The randomization sequence will be provided to the project manager and will be hidden from the person participating in the study and the evaluator's colleague to enter the study until the intervention.

Blinding (investigator's opinion)

Double blinded

Blinding description

Blinding in this study was double-blind. So that the participants and the outcome assessor were unaware of what group the research units were in. Participants were randomly assigned to the intervention and control groups and will not be aware of the type of intervention (Hyssop and Verbascum herbal tea in addition to common drugs for the treatment of Covide 19 or only conventional treatment) before the study start. Assessors, health care personnel (physicians, nurses, etc.) who are responsible for patient care will also not be aware of patient grouping.

Placebo

Used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics Committees, Khomain University of Medical Sciences

Street address

Quds Boulevard

City

Khomein

Province

Markazi

Postal code

38817-43364

Approval date

2020-10-28, 1399/08/07

Ethics committee reference number

IR.KHOMEIN.REC.1399.012

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
Improvement the symptoms of Covide-19disease
Timepoint
Seventh and tenth day
Method of measurement
Intensity of cough- Intensity of shortness of breath- O2 Saturation- Duration of hospitalization in the ward- Respiration Rate- Three-dimensional CT scan changes of the lungs- CBC.diff and ESR and CRP

Secondary outcomes

empty

Intervention groups

1

Description
"Intervention group": Using the Hyssop (30 grams in 24 hours) and Verbscum (15 grams in 24 hours) herbal tea three times a day (For 7 to 10 days) for patients with Covid 19 disease along with commonly used treatments such as: Favipiravir, Recigen, Tocilizumabe, Dexamethasone, Methylprednisolone, Doxycycline, Meropenem, Ceftriaxone, Levofloxacin, Salbutamol spray, Atrovent spray, Seroflu spray and etc.
Category
Treatment - Other

2

Description
Control group: Use of common drugs for the treatment of Covid 19 disease such as: Favipiravir, Recigen, Tocilizumabe, Dexamethasone, Methylprednisolone, Doxycycline, Meropenem, Ceftriaxone, Levofloxacin, Salbutamol spray, Atrovent spray, Seroflu spray and etc.
Category
Treatment - Drugs

Recruitment centers

1

Recruitment center
Name of recruitment center
Imam Khomeini Hospital in Khomein city
Full name of responsible person
Mohammad Taheri
Street address
Qods Boulevard
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rheum.nursing@gmail.com

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Khomein Medical University
Full name of responsible person
Dr Mojtaba Didedar
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Phone
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Email
rheum.nursing@gmail.com
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Khomein Medical University
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
Khomein School of Medical Sciences
Full name of responsible person
Mohammad Taheri
Position
Nurse
Latest degree
Bachelor
Other areas of specialty/work
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Person responsible for scientific inquiries

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Person responsible for updating data

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Email
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Sharing plan

Deidentified Individual Participant Data Set (IPD)
No - There is not a plan to make this available

Justification/reason for indecision/not sharing IPD
There is no more information

Study Protocol
No - There is not a plan to make this available

Statistical Analysis Plan
No - There is not a plan to make this available

Informed Consent Form
No - There is not a plan to make this available

Clinical Study Report
Yes - There is a plan to make this available

Analytic Code
No - There is not a plan to make this available

Data Dictionary
Not applicable

Title and more details about the data/document
A large part of the data such as information about the main outcome, how to do, etc. can be shared.

When the data will become available and for how long
Access period starts 6 months after the results are published

To whom data/document is available
All researchers

Under which criteria data/document could be used
By observing the ethics of research

From where data/document is obtainable
Hamid Moemeni .hamid52us@yahoo.com

What processes are involved for a request to access data/document
Send a request to email and wait for a response, Authentication of the applicant, Send a reply or reply to the applicant after scientific and ethical verification within a maximum of two weeks.

Comments