Clinical Trial Protocol
Iranian Registry of Clinical Trials

09 Nov 2026

Cyclosporin for the Prevention and Treatment of COVID-19 Disease

Protocol summary

Study aim
Reducing in mortality and improve oxygenation in covid-19 patient's
Design
covid-19patients admitted to the intensive care unit and who had severe respiratory failure and lack of adequate response to treatment were included in the group, and a 5 mg 0kg cyclosporine ampoule was gradually infused. The general symptoms of patients and CT scans of patients were noted.
Settings and conduct
Patients admitted to the ICU who have respiratory failure and have not responded to treatment. They are selected and infused with cyclosporine ampule patients and patients' symptoms are noted.
Participants/Inclusion and exclusion criteria
patient's admited in ICU and wards
Intervention groups
covid-19patients admitted to the intensive care unit and who had severe respiratory failure
Main outcome variables
improve oxygenation improve ct scans

General information

Reason for update
Acronym
IRCT registration information
IRCT registration number: **IRCT20150107020592N22**
Registration date: **2020-05-25, 1399/03/05**
Registration timing: **registered_while_recruiting**

Last update: **2020-05-25, 1399/03/05**
Update count: **0**
Registration date
2020-05-25, 1399/03/05

Registrant information
Name
Seyed Mohammad Reza Hashemian
Name of organization / entity
Country
Iran (Islamic Republic of)
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+98 21 2610 9944
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Recruitment status
Recruitment complete
Funding source

Expected recruitment start date
2020-03-20, 1399/01/01
Expected recruitment end date
2020-06-21, 1399/04/01
Actual recruitment start date
empty
Actual recruitment end date
empty
Trial completion date
empty

Scientific title
Cyclosporin for the Prevention and Treatment of COVID-19 Disease

Public title
Cyclosporin for the Prevention and Treatment of COVID-19 Disease
Purpose
Treatment
Inclusion/Exclusion criteria
Inclusion criteria:
covid patients non-intubated payients Age between 18-80
Exclusion criteria:
Allergy to cyclosporin intubated patients
Age
From **18 years** old to **80 years** old
Gender
Both

Phase
3
Groups that have been masked
No information
Sample size
Target sample size: **60**
Randomization (investigator's opinion)
N/A
Randomization description
Blinding (investigator's opinion)
Not blinded
Blinding description
Placebo
Not used
Assignment
Single
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Ethics committee of Masih Daneshvari Hospital the Edjucational , Research and Treatment center
Street address
End of Niavaran, Darabadational , Research and Treatment center.
City
Tehran
Province
Tehran
Postal code
1956944413
Approval date
2020-04-07, 1399/01/19
Ethics committee reference number
IR.SBMU.NRITLD.REC.1399.058

Health conditions studied

1

Description of health condition studied
covid-19
ICD-10 code
B34.2
ICD-10 code description
Coronavirus infection, unspecified

Primary outcomes

1

Description
improve oxygenation
Timepoint
0,1,2,3,7after treatment with cyclosporin
Method of measurement
pulse oximeter

2

Description
improve ct scan
Timepoint
seven day after cyclosporine treatment
Method of measurement
CT scan unit

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group: patient under cyclosporin treatment: Patients who have acute respiratory failure due to covid-19 and do not respond to antiretroviral therapy due to the unknown nature of the disease to reduce inflammatory cytokines in patients with slow cyclosporine injections within two hours of infusion and seven days continue and the general condition of patients and symptoms Patient and CT-scans are checked
Category
Treatment - Drugs

Recruitment centers

1

Recruitment center
Name of recruitment center
Masih Daneshvari Hospital the Edjucational , Research and Treatment center
Full name of responsible person
Dr Seyyed Mohamadreza Hashemian
Street address
Masih Daneshvari Hospital, Darabad Avenue, Shahid Bahonar roundabout, Tehran, Iran
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Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Shahid Beheshti University of Medical Sciences

Full name of responsible person
Dr Seyyed Mohamadreza Hashemian

Street address
SBUMS, Arabi Ave, Daneshjoo Blvd, Velenjak, Tehran, Iran

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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
Shahid Beheshti 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
Shahid Beheshti University of Medical Sciences

Full name of responsible person
Seyed Mohammad Reza Hashemian

Position
Professor

Latest degree
Subspecialist

Other areas of specialty/work
Anesthesiology

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Masih Daneshvari Hospital, Darabad, Niavaran Street, Tehran, Iran

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Web page address

Sharing plan

Deidentified Individual Participant Data Set (IPD)
Yes - There is a plan to make this available
Study Protocol
Yes - There is a plan to make this available
Statistical Analysis Plan
Yes - There is a plan to make this available
Informed Consent Form
Yes - There is a plan to make this available
Clinical Study Report
Yes - There is a plan to make this available
Analytic Code
Yes - There is a plan to make this available
Data Dictionary
Yes - There is a plan to make this available
Title and more details about the data/document
All patient information can be published after deleting the name
When the data will become available and for how long
It will take a month from the time of application
To whom data/document is available
All professors of medical universities in the country
Under which criteria data/document could be used
Help advance science
From where data/document is obtainable
professor hashemian in masih daneshvari hospital
What processes are involved for a request to access data/document
one month
Comments