Clinical Trial Protocol
Iranian Registry of Clinical Trials

13 Nov 2026

Favipiravir prophylactic to reduce the involvement of health care workers in the COVID-19 epidemic

Protocol summary

Study aim
Reduce the infection with covid-19 and mortality of staff due to covid-19 with favipiravir treatment during the Covid- 19 epidemic.

Design
Thirty people in the intensive care unit who are in direct contact with COVID-positive patients will enter the study and receive medical treatment.

Settings and conduct
Thirty ICU staff who are in direct contact with Covid-19 positive patients have been studied and given Favipiravir 200 twice a day for three days a week for two weeks, and the serological test will be checked three weeks later.

Participants/Inclusion and exclusion criteria
inclusion criteria: ICU staff of Masih Daneshvari Hospital - over 20 years old exclusion criteria: Sensitivity to antiviral drugs and unwillingness to participate in the study

Intervention groups
Treatment personnel who are in direct contact with COVID-positive patients will be treated with Favipiravir three times a week for two consecutive weeks for prevention.

Main outcome variables
Infection of COVID_ 19

General information

Reason for update

Acronym

IRCT registration information
IRCT registration number: **IRCT20150107020592N30**
Registration date: **2020-07-10, 1399/04/20**
Registration timing: **registered_while_recruiting**

Last update: **2020-07-10, 1399/04/20**
Update count: **0**

Registration date
2020-07-10, 1399/04/20

Registrant information
Name
Seyed Mohammad Reza Hashemian
Name of organization / entity
Country
Iran (Islamic Republic of)
Phone
+98 21 2610 9944
Email address
iran.criticalcare@yahoo.com

Recruitment status
Recruitment complete

Funding source

Expected recruitment start date
2020-03-20, 1399/01/01

Expected recruitment end date
2020-07-22, 1399/05/01

Actual recruitment start date
empty

Actual recruitment end date
empty

Trial completion date
empty

Scientific title
Favipiravir prophylactic to reduce the involvement of health care workers in the COVID-19 epidemic

Public title
Prophylactic Favipiravir for Healthcare Workers in COVID-19 Pandemic

Purpose
Prevention

Inclusion/Exclusion criteria
Inclusion criteria:
Age over 20 years Nurses in the intensive care unit Satisfaction with entering the plan

Exclusion criteria:
Sensitivity to antiviral drugs

Age
From **20 years** old

Gender
Both

Phase
3

Groups that have been masked
No information

Sample size
Target sample size: **30**

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
2020-03-31, 1399/01/12

Ethics committee reference number
IR.SBMU.NRITLD.REC.1399.021

Health conditions studied

1

Description of health condition studied
covid-19

ICD-10 code
U07.1

ICD-10 code description
covid19 disease

Primary outcomes

1

Description
infection with Covid 19

Timepoint
Three weeks after starting treatment

Method of measurement
Nasal swap prc covid-19

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group: Thirty people in the intensive care unit who are in direct contact with COVID-positive patients have been studied and given Favipiravir 200 twice a day for three days a week for two weeks,

Category
Prevention

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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Tehran

Province
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1956944413

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+98 21 2912 3100

Email
iran.criticalcare@yahoo.com

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Vice chancellor for research, Shahid Beheshti university of medical sciences

Full name of responsible person
Ali Ziai

Street address

7th Floor, Bldg No.2 , Arabi Ave, Daneshjoo Blvd, Velenjak

City
Tehran

Province
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198396-3113

Phone
+98 21 2712 2265

Email
smrhashemian@sbmu.ac.ir

Grant name

Grant code / Reference number

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

Title of funding source
Vice chancellor for research, 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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Person responsible for scientific inquiries

Contact

Name of organization / entity
Shahid Beheshti University of Medical Sciences

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Person responsible for updating data

Contact

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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

Start the access period 6 months after printing the results

To whom data/document is available

All professors of medical universities in the country

Under which criteria data/document could be used

If the professors present their proposal and letter from their university by sending a message to Dr. Hashemian's e-mail, they will send their e-mail request and the names and numbers of the patients will be deleted and their questionnaires, data and analysis will be sent to their e-mails.

From where data/document is obtainable

professor hashemian in masih daneshvari hospital

What processes are involved for a request to access data/document

The applicant will be emailed to you after emailing your request and after reviewing their circumstances within one month of requesting the information

Comments