

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Sep 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
Educational , 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 Educational ,
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

City

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Province

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1956944413

Phone

+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

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Province

Tehran

Postal code

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,
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Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Shahid Beheshti University of Medical Sciences

Full name of responsible person

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Position

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Web page address

Person responsible for updating data

Contact

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Phone

+98 912 111 9279

Fax

Email

smrhashemian@sbmu.ac.ir

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