

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

23 Feb 2026

### Investigation of the effect of "Finasterid" on the prognosis in the hospitalized over 50 years male patients with COVID-19 pneumonia

#### Protocol summary

##### Study aim

Investigation of the effect of Finasterid on the prognosis of the hospitalized over 50 years male patients with COVID-19 pneumonia

##### Design

Phase 3 double-blind randomized controlled clinical trial , on 80 patients. Randomization method is the use of online software to generate random numbers of KitSet.

##### Settings and conduct

prescription of finastride in 80 patients with COVID-19 pneumonia in Qazvin's Bu Ali Sina hospital. This study will be double-blind and both the patient and the evaluator will be unaware of the type of treatment performed.

##### Participants/Inclusion and exclusion criteria

males with coronavirus pneumonia over 50 years old  
No entry: use of finasterid before covid-19

##### Intervention groups

In the intervention group, one dose of finastride tablets will be taken daily for 5 days. In the control group, the placebo will be prescribed for the same period.

##### Main outcome variables

saturation diseases period mortality

#### General information

##### Reason for update

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT20200505047318N1**

Registration date: **2020-08-06, 1399/05/16**

Registration timing: **retrospective**

Last update: **2020-08-06, 1399/05/16**

Update count: **0**

##### Registration date

2020-08-06, 1399/05/16

##### Registrant information

##### Name

Elham Zarehoseinzade

##### Name of organization / entity

##### Country

Iran (Islamic Republic of)

##### Phone

+98 26 3320 3252

##### Email address

e.zarehoseinzade@qums.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

##### Expected recruitment start date

2020-03-20, 1399/01/01

##### Expected recruitment end date

2020-06-20, 1399/03/31

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

Investigation of the effect of "Finasterid" on the prognosis in the hospitalized over 50 years male patients with COVID-19 pneumonia

##### Public title

Effect of finasterid on COVID-19 treatment

##### Purpose

Treatment

##### Inclusion/Exclusion criteria

##### Inclusion criteria:

having covid-19 age>50 years male hospitalization

##### Exclusion criteria:

use finasterid before covid-19 neurologic disease  
psychiatric disease drug users

##### Age

From **50 years** old

**Gender**

Male

**Phase**

3

**Groups that have been masked**

- Participant
- Outcome assessor

**Sample size**

Target sample size: 80

**Randomization (investigator's opinion)**

Randomized

**Randomization description**

Patients were numbered from 6 to 6. Randomization method was performed using KitSet software (<https://kitset.ir/numbers/random>) for generating random numbers for A and B and based on the result, they were ranked from 1 to 3, respectively. Group A received finasteride and group B received placebo.

**Blinding (investigator's opinion)**

Double blinded

**Blinding description**

This study will be double-blind and both the patients and the evaluator will be unaware of the type of treatment performed. Despite the detailed explanation of the study while obtaining the consent of group A or B will not be stated. The evaluator will not be aware of this.

**Placebo**

Used

**Assignment**

Parallel

**Other design features****Secondary Ids**

empty

**Ethics committees****1****Ethics committee****Name of ethics committee**

Ethics Committee of Qavin University of Medical Sciences

**Street address**

Booali.Ave

**City**

Qhazvin

**Province**

Qazvin

**Postal code**

3413786313

**Approval date**

2020-04-21, 1399/02/02

**Ethics committee reference number**

IR.QUMS.REC.1399.016

**Health conditions studied****1****Description of health condition studied**

Corona virus pneumonia

**ICD-10 code**

U07.2

**ICD-10 code description**

COVID-19, virus not identified

**Primary outcomes****1****Description**

o2 saturation of blood

**Timepoint**

initial/fifth day of hospitalization

**Method of measurement**

pulse oximeter

**Secondary outcomes**

empty

**Intervention groups****1****Description**

Intervention group : Tab.HCQ 200, Po, Q12h/Amp.Ceftriaxon, 1 gr, IV.Q12h/ TTab.finasteride 5mg, PO, Daily, 5 days

**Category**

Treatment - Drugs

**2****Description**

Control group: Tab.HCQ 200, Po, Q12h/Amp.Ceftriaxon, 1 gr, IV.Q12h/ One placebo daily for 5 days

**Category**

Treatment - Drugs

**Recruitment centers****1****Recruitment center****Name of recruitment center**

Qazvin Bu Ali Sina Hospital

**Full name of responsible person**

Dr.Abbas Allamy

**Street address**

Bu Ali.Ave

**City**

Qazvin

**Province**

Qazvin

**Postal code**

3413786313

**Phone**

+98 28 3333 2931

**Email**

allami@qums.ac.ir

2

**Recruitment center****Name of recruitment center**

Bu Ali Sina

**Full name of responsible person**

Abbas Allamy

**Street address**

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**City**

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**Province**

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**Sponsors / Funding sources**

1

**Sponsor****Name of organization / entity**

Qazvin University of Medical Sciences

**Full name of responsible person**

Dr.Abbas Allami

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Bu Ali Ave

**City**

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**Province**

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**Email**

allami@qums.ac.ir

**Grant name****Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

**Title of funding source**

Qazvin 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**

Qazvin University of Medical Sciences

**Full name of responsible person**

Dr.Abbas Allami

**Position**

Professor

**Latest degree**

Specialist

**Other areas of specialty/work**

Infectious diseases

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**Person responsible for scientific inquiries****Contact****Name of organization / entity**

Qazvin University of Medical Sciences

**Full name of responsible person**

Dr.Abbas Allami

**Position**

professor

**Latest degree**

Specialist

**Other areas of specialty/work**

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**Person responsible for updating data****Contact****Name of organization / entity**

Qazvin University of Medical Sciences

**Full name of responsible person**

Dr.Abbas Allami

**Position**

Professor

**Latest degree**

Subspecialist

**Other areas of specialty/work**

Infectious diseases

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**Email**

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**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**

effect of finastride on improving the symptoms of covid-19 pneumonia

**When the data will become available and for how long**

access begins one year after the results are published

**To whom data/document is available**

Researchers working in academic and scientific institutions

**Under which criteria data/document could be used**

-Research on related issues

**From where data/document is obtainable**

Qazvin-Bu Ali Ave. Dr.Abbas Allami allami@qums.ac.ir

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

it will be provided through coordination via email and presentation of documentation

**Comments**