

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

23 Feb 2026

### Evaluation the effects of Oxycodone administration on pain control in patients with COVID-19

#### Protocol summary

##### Study aim

Examination of oxycodone for the treatment of Covid-19 patients

##### Design

Positive corona patients who are admitted to the intensive care unit of Masih Daneshvari Hospital with pain and shortness of breath for two months will be given oxycodone and their pain will be measured by a questionnaire.

##### Settings and conduct

Patients admitted to the intensive care unit of Masih Daneshvari Hospital due to covid 19 who complain of pain and shortness of breath.

##### Participants/Inclusion and exclusion criteria

Covid-19 positive patients Patients hospitalized in the intensive care unit

##### Intervention groups

After patients with COVID are transferred to the ward, two 5 mg oxycodone tablets are given every 8 hours to start the test, and the patient's vital signs, including VAS, are recorded every 4 hours.

##### Main outcome variables

Patient pain rate based on questionnaire

#### General information

##### Reason for update

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT20150107020592N24**

Registration date: **2020-06-08, 1399/03/19**

Registration timing: **registered\_while\_recruiting**

Last update: **2020-06-08, 1399/03/19**

Update count: **0**

##### Registration date

2020-06-08, 1399/03/19

#### 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

2020-06-20, 1399/03/31

#### Actual recruitment start date

empty

#### Actual recruitment end date

empty

#### Trial completion date

empty

#### Scientific title

Evaluation the effects of Oxycodone administration on pain control in patients with COVID-19

#### Public title

Evaluation the effects of Oxycodone administration on pain control in patients with COVID-19

#### Purpose

Treatment

#### Inclusion/Exclusion criteria

##### Inclusion criteria:

Covid-19 patients Patients hospitalized in the intensive care unit

##### Exclusion criteria:

Patients with dissatisfaction with drug use

#### 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  
Educational , Research and Treatment center

**Street address**  
End of Niavaran, Darabadational , Research and  
Treatment center.

**City**  
Tehran

**Province**  
Tehran

**Postal code**  
1956944413

**Approval date**  
2020-03-10, 1398/12/20

**Ethics committee reference number**  
IR.SBMU.NRITLD.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 Disease

## Primary outcomes

### 1

#### Description

Pain in hospitalized patients based on the pain  
questionnaire

#### Timepoint

The first to seventh days after the onset of oxycodone

#### Method of measurement

Pain scale (VAS)

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

Intervention group: Patients hospitalized in the intensive  
care unit with covid disease who complain of pain will be  
treated with two oxycodone 5 mg tablets every eight  
hours during their hospitalization and the amount of pain  
and patient satisfaction will be assessed according to  
VAS criteria.

#### Category

Treatment - Drugs

## Recruitment centers

### 1

#### Recruitment center

**Name of recruitment center**  
Masih Daneshvari Hospital

**Full name of responsible person**  
Dr Seyed Mohamadreza Hashemian

**Street address**  
Down of Niavaran, Darbad

**City**  
Tehran

**Province**  
Tehran

**Postal code**  
1956944413

**Phone**  
+98 21 2610 9512

**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**  
Dr Mahmood Heydari

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

Iran

**City**

Tehran

**Province**

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**Postal code**

1956944413

**Phone**

+98 21 2912 3100

**Email**

iran.criticalcare@yahoo.com

**Grant name**

Vice Chancellor for Research, Shahid Beheshti University of Medical Sciences

**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**

Associate Professor

**Latest degree**

Subspecialist

**Other areas of specialty/work**

**Street address**

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

**City**

Tehran

**Province**

Tehran

**Postal code**

198396-3113

**Phone**

+98 912 111 9279

**Fax**

**Email**

smrhashemian@sbmu.ac.ir

**Web page address**

**Person responsible for scientific 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**

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**Web page address**

**Person responsible for updating data**

**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

**Street address**

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

**City**

Tehran

**Province**

Tehran

**Postal code**

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**Phone**

+98 21 2610 9512

**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**

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**