

Clinical Trial Protocol

Iranian Registry of Clinical Trials

30 May 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

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1956944413

Phone
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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

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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

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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

Seyed Mohammad Reza Hashemian

Position

Professor

Latest degree

Subspecialist

Other areas of specialty/work

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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

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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