Clinical Trial Protocol
Iranian Registry of Clinical Trials

13 Nov 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)
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+98 21 2610 9944
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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 Edjucational , Research and Treatment center

Street address

End of Niavaran, Darabadational , Research and Treatment center.

City

Tehran

Province

Tehran

Postal code

1956944413

Approval date

2020-03-10, 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

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Down of Niavaran, Darbad

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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

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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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Anesthesiology

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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
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