Clinical Trial Protocol
Iranian Registry of Clinical Trials

18 Sep 2026

Effect of intravenous paracetamol on opioid consumption in intubated patient after major surgery in ICU

Protocol summary

Summary

This study is surveying parentral paracetamol efficacy on pain intensity in patients came intubated to ICU after a major surgery.In a double-blind clinical trial study involving patients 18-69 years old came Intubated to ICU after the surgery randomly divided into two groups of 20 cases and controls. one group(case) recieved parentral paracetamol 1gr every 6h for 24 hour for pain control immediately after enterance to ICU and the other group(control) got 100cc normal salin only. two groups were compared for opioid consumption and pain intensity based on Behavioral Pain Score at 0,1,2,4,6,12,24 hours after surgery.patients were excluded if they were drug abuser or pregnant or had liver and renal disorders ,allergy or contraindication for opioid.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201202229113N1**
Registration date: **2012-05-19, 1391/02/30**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2012-05-19, 1391/02/30

Registrant information

Name
Leila Azinfar
Name of organization / entity
Ahwaz Jondishapour University of Medical Science
Country
Iran (Islamic Republic of)
Phone
+98 61 1374 3704
Email address
azinfar.l@ajums.ac.ir

Recruitment status

Recruitment complete

Funding source

Jondishapour Ahwaz University of Medical Science

Expected recruitment start date

2011-05-22, 1390/03/01

Expected recruitment end date

2011-12-21, 1390/09/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of intravenous paracetamol on opioid consumption in intubated patient after major surgery in ICU

Public title

Effect of paracetamol on opioid consumption after surgery

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:between 18 to 69 years old; mechanical ventilation after surgery; Exclusion criteria:allergy;acute kidney and hepatic injury;need to resurgery;reintubation; pregnancy; smoker; drug abuse; counterindication for using opioids

Age

From **18 years** old to **69 years** old

Gender

Both

Phase

N/A

Groups that have been masked
No information
Sample size
Target sample size: **40**
Randomization (investigator's opinion)
Randomized
Randomization description
Blinding (investigator's opinion)
Double blinded
Blinding description
Placebo
Used
Assignment
Single
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Ahvaz University of Medical Science
Street address
University City, Ahvaz
City
Ahvaz
Postal code
Approval date
2011-09-23, 1390/07/01
Ethics committee reference number
ETH-233

Health conditions studied

1

Description of health condition studied
Acute post operation pain
ICD-10 code
R52.0
ICD-10 code description
Acute Pain

Primary outcomes

1

Description
Opioid consumption after surgery
Timepoint
0,1,2,4,6,12,24 hours after to arrived to ICU
Method of measurement
Behavioral Pain Scale

Secondary outcomes

empty

Intervention groups

1

Description
In case group we prescribe 1gr vial paracetamol in 100 cc normal salin IV infused every 6 hours in first 24 hours
Category
Treatment - Drugs

2

Description
In control group 100cc normal salin infused every 6 hours in first 24 hours
Category
Placebo

Recruitment centers

1

Recruitment center
Name of recruitment center
ICU Unit, Golestan Hospital
Full name of responsible person
Dr. Farhad Soltani
Street address
ICU Unit, Golestan Hospital
City
Ahvaz

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Research Deputy of Ahvaz University of Medical Science and Health Services
Full name of responsible person
Farhad Soltani
Street address
University City, Ahwaz
City
Ahwaz
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Research Deputy of Ahvaz University of Medical Science and Health Services
Proportion provided by this source
100
Public or private sector
empty
Domestic or foreign origin
empty
Category of foreign source of funding
empty

Country of origin

Type of organization providing the funding

empty

Person responsible for general inquiries

Contact

Name of organization / entity

Ahwaz Jondishapour University of Medical Science

Full name of responsible person

Farhad Soltani

Position

Chairman of ICU

Other areas of specialty/work

Street address

ICU Unit, Golestan Hospital

City

Ahwaz

Postal code

Phone

+98 61 1374 3037

Fax

+98 61 1374 3037

Email

fsoltan@hotmail.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Ahwaz Jondishapour University of Medical Science

Full name of responsible person

Farhad Soltani

Position

Floship of ICU

Other areas of specialty/work

Street address

ICU Unit, Golestan Hospital, Ahvaz

City

Ahwaz

Postal code

Phone

+98 61 1374 3037

Fax

+98 61 1374 3037

Email

fsoltan@hotmail.com

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Ahwaz Jondishapour University of Medical Science

Full name of responsible person

Leila Azinfar

Position

Resident of Anesthesiology

Other areas of specialty/work

Street address

Tanin Building, Esfahan Ave., Golestan Street

City

Ahwaz

Postal code

Phone

+98 61 1374 3704

Fax

+98 61 1374 3037

Email

azinfar3@yahoo.com

Web page address

Sharing plan

Deidentified Individual Participant Data Set (IPD)

empty

Study Protocol

empty

Statistical Analysis Plan

empty

Informed Consent Form

empty

Clinical Study Report

empty

Analytic Code

empty

Data Dictionary

empty