

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

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

Protocol summary

Summary

This study is surveying parenteral 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 parenteral 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 saline IV infused every 6 hours in first 24 hours

Category

Treatment - Drugs

2

Description

In control group 100cc normal saline 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, Ahvaz

City

Ahvaz

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