

Clinical Trial Protocol

Iranian Registry of Clinical Trials

27 May 2026

Interaction effect of using ranitidine versus not using ranitidine on morphine diagnostic test in addicts: a before after clinical trial

Protocol summary

Summary

Objectives: To assess the interaction effect of using ranitidine versus not using ranitidine on morphine diagnostic test in addicts. Design: a before after clinical trial. Setting and conduct: The volunteer participants who will refer to Hamadan School of Pharmacy during the study period will be enrolled into the trial. Inclusion criteria: (a) age of 18 to 40 years; (b) Not using any form of drugs during the last 72 hours. Exclusion criteria: Conterindication of ranitidine usage. Intervention: taking 150 mg oral ranitidine as a single dose. Control: comparison with before intervention. Primary outcome: diagnostic test of morphine by taking a urine sample before and 12 hours after intervention. Secondary outcome: nothing.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201501189014N54**

Registration date: **2015-01-21, 1393/11/01**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2015-01-21, 1393/11/01

Registrant information

Name

Jalal Poorolajal

Name of organization / entity

Department of Epidemiology & Biostatistics Hamadan
University of Medical Sciences

Country

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Recruitment status

Recruitment complete

Funding source

Vice-chancellor for Research the Technology, Hamadan
University of Medical Sciences

Expected recruitment start date

2014-12-31, 1393/10/10

Expected recruitment end date

2015-05-31, 1394/03/10

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Interaction effect of using ranitidine versus not using ranitidine on morphine diagnostic test in addicts: a before after clinical trial

Public title

Interaction effect of using ranitidine versus not using ranitidine on morphine diagnostic test in addicts

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: (a) age of 18 to 40 years; (b) Not using any form of drugs during the last 72 hours. Exclusion criteria: Conterindication of ranitidine usage.

Age

From **18 years** old to **40 years** old

Gender

Both

Phase

1

Groups that have been masked

No information

Sample size

Target sample size: 10

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Single

Other design features

Randomization: this is a before after trial, thus randomization is not possible. Blinding: this is a before after trial, thus blinding is not possible

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Research Ethic Committee of Hamadan University of Medical Sciences

Street address

Vice-chancellor of Research the Technology,
Hamadan University of Medical Sciences, Shahid
Fahmideh Ave

City

Hamadan

Postal code

6517838695

Approval date

2014-06-30, 1393/04/09

Ethics committee reference number

D/P/16/35/9/4136

Health conditions studied

1

Description of health condition studied

Addict

ICD-10 code

F11

ICD-10 code description

Mental and behavioural disorders due to use of opioids

Primary outcomes

1

Description

diagnostic test of morphine by

Timepoint

before and 12 hours after intervention

Method of measurement

taking a urine sample

Secondary outcomes

1

Description

Nothing

Timepoint

Nothing

Method of measurement

Nothing

Intervention groups

1

Description

taking 150 mg oral ranitidine as a single dose

Category

Diagnosis

2

Description

comparison with before intervention

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

School of Pharmacy

Full name of responsible person

Dr Fatemeh Zeraati

Street address

School of Pharmacy, Shahid Fahmideh Ave.

City

Hamadan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice-chancellor for Research the Technology,
Hamadan University of Medical Sciences

Full name of responsible person

Dr Saeid Bashirian

Street address

Hamadan University of Medical Sciences, Shahid
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Grant name

Grant code / Reference number**Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Vice-chancellor for Research the Technology, Hamadan University of Medical Sciences

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**

School of Pharmacy

Full name of responsible person

Dr Fatemeh Zeraati

Position

Pharmacologist

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Position

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Web page address**Person responsible for updating data****Contact****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*