Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 2026

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

Protocol summary

Summary

Objectives: To assess the interaction effect of using ranitidine versus not using ranitidine on morphine dignostic test in addicts. Design: a before after clinical trail. Setting and conduct: The valenteer 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

Iran (Islamic Republic of)

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+98 81 1838 0090

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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 dignostic test in addicts: a before after clinical trail

Public title

Interaction effect of using ranitidine versus not using ranitidine on morphine dignostic 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 Fahmideh Ave
City
Hamadan
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
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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