Clinical Trial Protocol
Iranian Registry of Clinical Trials

18 Sep 2026

Effect of sleep health on cardiac dysrhythmia in hospitalized patients with Acute myocardial infarction admitted to coronary care unit

Protocol summary

Summary

Objective: To determine the effect of sleep hygiene on the incidence of heart disrhythmia in patients with acute inferior myocardial , inclusion criteria: (a) absence of chronic disorders of sleep before admission; (b) the risk of Acute lower infarction; (c) awareness All of the time and place and environment; (D) Lack of patient addiction to drugs , exclusion criteria: (a) had clinical deterioration; (b) discharged before the third day; (c) the death of the patient population; patients with acute myocardial lower infarction ,sample size of 31 patients in the intervention group and 31 patients in the intervention group Interfere with the observation of sleep hygiene in the treatment group included: reduction of noise, flashing the phone, eat a glass of milk before bedtime by patients, providing individual circumstances before sleeping habits for the patient; Reducing artificial light in a second night in hospital after measuring the number of Pulse and blood pressure and heart rhythm atrial tachycardia and ventricular tachycardia The second day in the intervention group and the control group , Primary outcome: reduction in blood pressure and pulse rate and heart rhythm number two atrial and two ventricular tachycardia tachycardia heart rhythm

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013060113493N1**
Registration date: **2013-07-14, 1392/04/23**
Registration timing: **prospective**

Last update:
Update count: **0**

Registration date

2013-07-14, 1392/04/23

Registrant information

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Maryam Malmir
Name of organization / entity
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Recruitment status

Recruitment complete

Funding source

Vic-Chancellor of Research and Technology , HamadanUniversity of Medical Sciences

Expected recruitment start date

2013-07-20, 1392/04/29

Expected recruitment end date

2013-11-22, 1392/09/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of sleep health on cardiac dysrhythmia in hospitalized patients with Acute myocardial infarction admitted to coronary care unit

Public title

Effect of sleep health on cardiac dysrhythmia in hospitalized patients with Acute myocardial infarction admitted to coronary care unit

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria:(a) Absence of chronic sleep disorders

before admission;(b)Lower risk of acute MI;(c) consciousness towards the environment and location;(d)Ability to communicate verbally;(e)Lack of mental illness;(f) Lack of patient addiction to drugs , Exclusion criteria:(a) Had a worse clinical;(b)Loss of consciousnessthe patient;(c)Registration before the third day;(d) Patient death

Age

From **18 years** old to **80 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **62**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Double blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Research Ethics Committee , Hamadan university

Street address

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

City

Hamadan

Postal code

6517838695

Approval date

2013-04-30, 1392/02/10

Ethics committee reference number

263/9/35/16/پ/د

Health conditions studied

1

Description of health condition studied

Acute inferior myocardial infarction

ICD-10 code

I21.1

ICD-10 code description

Acute transmural myocardial infarction of inferior wall

Primary outcomes

1

Description

heart dysrhythmia

Timepoint

Three days after infection of patients with acute inferior myocardial infarction and 12 hours of sleep hygiene compliance in these patients (approximately 72 hours after infection with acute inferior myocardial infarction

Method of measurement

Used to monitor the CCU

2

Description

pulse rate

Timepoint

Three days after infection of patients with acute inferior myocardial infarction and 12 hours of sleep hygiene compliance in these patients (approximately 72 hours after infection with acute inferior myocardial infarction

Method of measurement

to control of heart rate monitoring device is used

Secondary outcomes

1

Description

blood pressure

Timepoint

Three days after infection of patients with acute inferior myocardial infarction and 12 hours of sleep hygiene compliance in these patients (approximately 72 hours after infection with acute inferior myocardial infarction

Method of measurement

to measure blood pressure manometers connected to the monitoring

Intervention groups

1

Description

Control group: In This group Sleep hygiene questionnaire will be filled and no intervention is not performed,

Category

Treatment - Other

2

Description

Group test: In This group Sleep hygiene questionnaire will be filled and interventions include: Sounds like a slow loss of speech therapy staff, use that instead of flashing the phone calling , the desire of a glass of milk before bedtime by patients, providing conditions for personal habits of the patient before bed , under the Add lights to

turn off the artificial light through the phone

Category

Treatment - Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Ekbatan hospital - Beast Street - Hamadan

Full name of responsible person

maryam malmir

Street address

Nursing school , Hamadan university of medical science

City

Hamadan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vic - Chancellor of Research and Technology , Hamadan University of Medical Sciences

Full name of responsible person

Haider Tavilani

Street address

Hamadan University of Medical Sciences, shaheed Fahmideh Ave,Hamedan,Iran

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Hamedan

Grant name

از محل يك درصد بودجه طرح هاي تحقيقاتي دانشگاه

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Vic - Chancellor of Research and 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

research senter of Health science , Nursing groups , Hamadan University of Medical Sciences

Full name of responsible person

Mohsen Salavati

Position

MSK nursing , Nursing Instructor

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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