Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 2026

The Effect Of Supportive Nursing Intervention On Anxiety And Pain In Patient With Acute Coronary Syndrome In Cardiac Care Unit Admission

Protocol summary

Summary

The aim of this study was to determine the effect of supportive nursing intervention on pain and anxiety in patients with acute coronary syndrome on admission to the intensive care heart unit.This study was a clinical trial on 74 patients admitted in the Cardiac Care Unit in Sabzevar Vaseei Hospital will be done. after a random sampling will enter into two intervention and control groups.For both groups at the beginning of the CCU and four hours of admission, Beck Anxiety Inventory, numeric pain scale is completed.But in the experimental group after the measure anxiety and pain, will be supportive nursing intervention. Finally, four hours later, anxiety and pain will be measured and compared.

General information

Acronym

ACS

IRCT registration information

IRCT registration number: **IRCT2015123025767N1**
Registration date: **2016-03-09, 1394/12/19**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2016-03-09, 1394/12/19

Registrant information

Name

Ome leila Alikhah

Name of organization / entity

Sabzevar University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 51 4444 6070

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Recruitment status

Recruitment complete

Funding source

Sabzevar University of Medical Sciences

Expected recruitment start date

2015-12-22, 1394/10/01

Expected recruitment end date

2016-04-20, 1395/02/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Effect Of Supportive Nursing Intervention On Anxiety And Pain In Patient With Acute Coronary Syndrome In Cardiac Care Unit Admission

Public title

The Effect of Nursing Support On Pain And Anxiety In Patient Acute Coronary Syndrome

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: . Patients who are admitted with a diagnosis of acute coronary syndrome in CCU; have written consent to participate in the study; the ability to understand and speak Farsi have .Exclusion criteria: The patient is a decreased level of consciousness; The history of psychiatric drugs in the past 6 months have; The other condition that is aggravated anxiety caused suffering; be deaf; be blind.

Age

No age limit

Gender

Both

Phase
N/A
Groups that have been masked
No information
Sample size
Target sample size: **74**
Randomization (investigator's opinion)
Randomized
Randomization description
Blinding (investigator's opinion)
Not blinded
Blinding description
Placebo
Not used
Assignment
Parallel
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Sabzevar University Of Medical Sciences
Street address
Sabzevar University Of Medical Science, Sabzevar, Khorasan e Razavi
City
Sabzevar
Postal code
9613873136
Approval date
2015-12-07, 1394/09/16
Ethics committee reference number
IR.MEDSAB.REC.1394.104

Health conditions studied

1

Description of health condition studied
Acute Coronary Syndrome
ICD-10 code
I24.9
ICD-10 code description
Acute ischaemic heart disease, unspecified

Primary outcomes

1

Description
Anxiety
Timepoint
times of admission and after 4 hours
Method of measurement
Beck Anxiety Inventory

2

Description
pain
Timepoint
times of admission and after 4 hours
Method of measurement
Numeric pain scale

Secondary outcomes

1

Description
Reduce hospital stay
Timepoint
After discharge
Method of measurement
Patient records

Intervention groups

1

Description
Intervention Group: Introduce yourself to the patient and communicate; Talk with the patient about the disease process; Treatment process, the introduction of the doctor, because of the advantages admitted to the CCU, answer the questions of the patient, the patient touch, encourage patients to ask questions and talk about the fear and worry meet patient demand management.
Category
Prevention

2

Description
control group: Without intervention
Category
Prevention

Recruitment centers

1

Recruitment center
Name of recruitment center
Sabzevar Vaseei Hospital
Full name of responsible person
Ome leila Alikhah
Street address
Sabzevar Vaseei Hospital, Bolvar e Tohidshahr, Sabzevar, Khorasan e Razavi
City
Sabzevar

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Sabzevar University of Medical Sciences
Full name of responsible person
Dr Alireza Moslem
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Sabzevar University of Medical Sciences, Sabzevar, Khorasan e Razavi
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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
Sabzevar 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
Sabzevar Vaseei Hospital
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Nurse
Other areas of specialty/work
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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