

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Jun 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

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alikhaho92@medsab.ac.ir

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

Street addressSabzevar University of Medical Sciences, Sabzevar,
Khorasan e Razavi**City**

Sabzevar

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

Full name of responsible person

Ome leila Alikhah

Position

Nurse

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MA

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alikhah686@gmail.com**Web page address****Person responsible for updating data****Contact****Name of organization / entity**

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Position

Nurse

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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*