

Clinical Trial Protocol

Iranian Registry of Clinical Trials

27 Jul 2026

the effect of preparation package on anxiety and vital signs of patients undergoing coronary angiography in Beheshti hospital in 2013

Protocol summary

Summary

aim: it is a randomized controlled trial to determine the effect of preparation package on anxiety and vital signs. inclusion criteria: elective coronary angiography for first time and willing to participation in the research, exclusion criteria: active bleeding during or after angiography and the need for cardiac and pulmonary resuscitation during angiography. participants: patients undergoing coronary angiography. sample: 100 patients undergoing coronary angiography will be randomly assigned into intervention and control groups. intervention: vital signs and then anxiety of the patients will measure in the day before angiography. the intervention group will receive a preparation package. vital signs and anxiety will measure in several time after preparation. the control group will received routine preparation. vital signs and anxiety of control group will measure in a similar pattern to the intervention group. the intervention group will receive a preparation package on the day of admission, that includes face to face education, delivering and explaining the content of the educational pamphlet, playing educational video about angiography process with verbal explanation and introduction angiography unit to patients. control group will receive routine preparation. main outcome: change in vital signs and anxiety

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013042313102N1**

Registration date: **2013-07-06, 1392/04/15**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2013-07-06, 1392/04/15

Registrant information

Name

Tayebeh Moradi

Name of organization / entity

Kashan University of Medical Sciences

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Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Kashan University of Medical Sciences

Expected recruitment start date

2013-05-22, 1392/03/01

Expected recruitment end date

2013-09-23, 1392/07/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

the effect of preparation package on anxiety and vital signs of patients undergoing coronary angiography in Beheshti hospital in 2013

Public title

the effect of preparation package on anxiety and vital signs

Purpose

Supportive

Inclusion/Exclusion criteria

inclusion criteria: elective coronary angiography for first time; willing to participate in the research; be oriented; be able to read and understand Persian; without unknown mental disorder; aged between 30-70 exclusion criteria: active bleeding during or after angiography; the need for cardiac and pulmonary resuscitation during angiography

Age

From **30 years** old to **70 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **100**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Single blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Kashan University of medical sciences

Street address

Kashan University of Medical Science, Gotbe ravandi road, Kashan, Iran

City

Kashan

Postal code

Approval date

2013-05-18, 1392/02/28

Ethics committee reference number

618/1/5/29/پ

Health conditions studied

1

Description of health condition studied

angiography

ICD-10 code

I20.0

ICD-10 code description

Unstable angina

Primary outcomes

1

Description

anxiety

Timepoint

before intervention

Method of measurement

Spielberger anxiety Scale

2

Description

vital signs

Timepoint

before intervention

Method of measurement

using a heart monitor

Secondary outcomes

1

Description

change in anxiety

Timepoint

after intervention

Method of measurement

Spielberger anxiety Scale

2

Description

change in vital signs

Timepoint

after intervention

Method of measurement

using a heart monitor

Intervention groups

1

Description

the intervention group will receive a preparation package on the day of admission, that includes face to face education, delivering and explaining the content of the educational pamphlet, playing educational video about angiography process with verbal explanation and introduction angiography unit to patients.

Category

Behavior

2

Description

the control group will receive routine preparation.

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Beheshti hospital in kashan

Full name of responsible person

Street address

City

kashan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research, Kashan University of Medical Sciences

Full name of responsible person

Dr. GolamAli Hamidi

Street address

Vice chancellor for research, Kashan University of Medical Sciences, Ghotbe ravandi Bolvard

City

kashan

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, Kashan 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

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Position

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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