

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

01 Jun 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

###### Country

Iran (Islamic Republic of)

###### Phone

+98 31 5554 0021

###### Email address

t-moradi@kaums.ac.ir

##### 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 participation 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**

Kashan University of Medical Sciences

**Full name of responsible person**

Tayebeh Morady

**Position**

Student in Master of Science in Nursing

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## Person responsible for scientific inquiries

### Contact

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PHD

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## Person responsible for updating data

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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*