Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 2026

The effect of psychologic preparation to reduce anxiety associated with cardiac catheterization

Protocol summary

Summary

In this randomized clinical trial to determine The effect of psychologic preparation to reduce anxiety associated with cardiac catheterization.Participants had no past psychiatry history and Previous angiography, they referred for angiography to Golestan Ahwaz Hospital at 2012, 40 were enrolled and randomly assigned into two groups; intervention group whom received psychological preparation and control group.. First step was completing demographic questionnaire and Hamilton Anxiety Scale the day before cardiac catheterization in both groups. Then psychological preparation(Information control, cognitive control and behavioral control) for cardiac catheterization was performed for intervention group. The Hamilton Anxiety Scale at 2 hours before and 4 hours after cardiac catheterization was completed for both and Their anxiety levels were measured. The primary outcome was anxiety.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2012101011071N1**
Registration date: **2014-02-13, 1392/11/24**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2014-02-13, 1392/11/24

Registrant information

Name

Saeed Ansari

Name of organization / entity

Ahvaz Jundishapur University of Medical Sciences

Country

Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Jundishapur University of Medical Sciences

Expected recruitment start date

2012-09-22, 1391/07/01

Expected recruitment end date

2013-02-19, 1391/12/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of psychologic preparation to reduce anxiety associated with cardiac catheterization

Public title

The effect of psychologic preparation to reduce anxiety

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: Age 80-35 years; Speaking Farsi; Ability to communicate verbally; No history of previous cardiac catheterization. Exclusion criteria: Dementia; Mental retardation; Severe physical difficulty; History of marked psychiatric disorder; Non cooperation.

Age

From **35 years** old to **80 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **40**

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

Jundishapur University of Medical Sciences

Street address

2nd floor, School of Medicine Ahvaz Jundishapur University of Medical Sciences, Golestan BLV, Ahvaz

City

Ahvaz

Postal code

15794 – 61357

Approval date

2012-08-11, 1391/05/21

Ethics committee reference number

ETH-562

Health conditions studied

1

Description of health condition studied

Anxiety

ICD-10 code

F40.9

ICD-10 code description

Phobic anxiety disorder, unspecified

Primary outcomes

1

Description

Anxiety level

Timepoint

24 hours before and 2 hours before and 4 hours after cardiac catheterization

Method of measurement

Hamilton Anxiety Scale

Secondary outcomes

empty

Intervention groups

1

Description

in Intervention group: 3 of the intervention include: 1) modifying patient information, 2) cognitive control treatment will be carried out (eg patients regarding the positive aspects of practice rather than an emphasis on the aspect of unpleasant n) 3) control behavior, such as relaxation training, distraction techniques

Category

Behavior

2

Description

Undisclosed content in the control group (properties of fruits and vegetables) for the study were placed in their possession.

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Golestan Ahwaz Hospital

Full name of responsible person

Saeed Ansari

Street address

Department of Psychiatry, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Ahvaz Jundishapur University of Medical Sciences

Full name of responsible person

Saeed Ansari

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Department of Psychiatry, Ahvaz Jundishapur University of Medical Sciences

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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

Ahvaz Jundishapur 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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Full name of responsible person

Saeed Ansari Dezfouli

Position

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Other areas of specialty/work

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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