

Clinical Trial Protocol

Iranian Registry of Clinical Trials

02 Aug 2026

The Effect of Nursing Counseling and Mental Imaging on the Stress and Anxiety of Patients Candidate for coronary Angiography

Protocol summary

Study aim

Effect of Nursing Counseling and Mental Imaging on Stress and Anxiety in Patients With Coronary Angiography

Design

It consists of three groups. Control group, intervention group for nursing counseling, intervention group for mental imagery

Settings and conduct

Ali Ibn Abi Talib Hospital of Zahedan Special Heart Department

Participants/Inclusion and exclusion criteria

Patients Candidate for Coronary Angiography, with Age Between 30 and 60 Years, Coronary Angiography, Non-Emergency Angiography

Intervention groups

Two intervention groups, one group Nursing counseling intervention, one group mental intervention intervention group

Main outcome variables

Stress, Anxiety, Nursing Counseling, Mental Imaging

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20200109046062N1**

Registration date: **2020-01-18, 1398/10/28**

Registration timing: **retrospective**

Last update: **2020-01-18, 1398/10/28**

Update count: **0**

Registration date

2020-01-18, 1398/10/28

Registrant information

Name

Malihe Nikfarjam

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 54 3348 1760

Email address

malih.niki65@gmail.com

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2019-03-11, 1397/12/20

Expected recruitment end date

2019-11-21, 1398/08/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Effect of Nursing Counseling and Mental Imaging on the Stress and Anxiety of Patients Candidate for coronary Angiography

Public title

Effect of Nursing Counseling and Mental Imaging on Stress and Anxiety in Patients With Coronary Angiography

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:

Age between 30 and 60 years Minimum literacy Having a coronary angiography recipe

Exclusion criteria:

Emergency coronary angiography instruction Acute pain associated with cancer and other irrelevant diseases She

has already been angiographed

Age
From **30 years** old to **60 years** old

Gender
Both

Phase
1-2

Groups that have been masked
No information

Sample size
Target sample size: **60**

Randomization (investigator's opinion)
Randomized

Randomization description
Simple, Individual randomization, Coin toss

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

Ethics Committee of Zabol University of Medical Sciences

Street address

Zabol University of Medical Sciences, Shahid Bagheri Street

City

Zadol

Province

Sistan-va-Balouchestan

Postal code

9861663335

Approval date

2019-03-10, 1397/12/19

Ethics committee reference number

IR.ZBMU.REC.1397204

Health conditions studied

1

Description of health condition studied

Stress, Anxiety, Patients Candidate for Coronary Angiography

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Stress

Timepoint

Before the intervention, one hour before angiography

Method of measurement

Dass21 questionnaire

2

Description

Anxiety

Timepoint

Before the intervention, one hour before angiography

Method of measurement

Dass21 questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: Completion of the questionnaire, Nursing consultation, Completion of the questionnaire one hour before angiography

Category

Prevention

2

Description

Intervention group: Completion of the questionnaire first, mental imaging, completing the questionnaire again one hour before angiography

Category

Prevention

3

Description

Intervention group: Without consulting and mental imagery

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Ali in Abi Talib Hospital

Full name of responsible person

Abdalgani abdullahi

Street address

Khalij Fars Boulevard, Ali ibn Abi Talib Hospital
City
Zahedan
Province
Sistan-va-Balouchestan
Postal code
9816743111
Phone
+98 54 3329 5570
Email
abdalgani@gmail.com

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Zabol University of Medical Sciences
Full name of responsible person
Abdalgani Abdullahi
Street address
Ferdowsi street, Ferdowsi 11 alley, school of Nursing and Midwifery
City
Zabul
Province
Sistan-va-Balouchestan
Postal code
9861734184
Phone
+98 54 3222 3947
Email
abdalgani@gmail.com

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Zabol University of Medical Sciences

Proportion provided by this source

100

Public or private sector

Public

Domestic or foreign origin

Domestic

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

Academic

Person responsible for general inquiries

Contact

Name of organization / entity
Zabol University of Medical Sciences
Full name of responsible person
Abdul Ghani Abdollahi
Position
Associate professor

Latest degree

Ph.D.

Other areas of specialty/work

Nursery

Street address

Ferdowsi street, Ferdowsi 11 alley, school of Nursing and Midwifery

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Person responsible for scientific inquiries

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Person responsible for updating data

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Email

abdollahi@zbmu.ac.ir

Web page address

Sharing plan

Deidentified Individual Participant Data Set (IPD)

Undecided - It is not yet known if there will be a plan to make this available

Study Protocol

Undecided - It is not yet known if there will be a plan to make this available

Statistical Analysis Plan

Undecided - It is not yet known if there will be a plan to make this available

Informed Consent Form

Undecided - It is not yet known if there will be a plan to make this available

Clinical Study Report

Undecided - It is not yet known if there will be a plan to make this available

Analytic Code

Undecided - It is not yet known if there will be a plan to make this available

Data Dictionary

Undecided - It is not yet known if there will be a plan to make this available