Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Nov 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
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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
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9816743111
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abdalqani@gmail.com

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Zabol University of Medical Sciences
Full name of responsible person
Abdalqani Abdullahi
Street address
Ferdowsi street, Ferdowsi 11 alley, school of Nursing and Midwifery
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abdalqani@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
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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