

Clinical Trial Protocol

Iranian Registry of Clinical Trials

20 Jul 2026

Investigating the effect of telephone -based orientation during waiting time, on anxiety of patients undergoing coronary angiography referring to Ali Ibn Abitaleb hospital of Rafsanjan

Protocol summary

Study aim

Determination the effect of telephone -based orientation during waiting time, on anxiety of patients undergoing coronary angiography referring to Ali Ibn Abitaleb hospital of Rafsanjan

Design

Two arm parallel group randomized clinical trial

Settings and conduct

In this randomized clinical trial, the study population are elective candidates for coronary artery angiography who will referred to Ali Ibn Abitaleb Hospital of Rafsanjan. Participants will select by convenience sampling method based on inclusion criteria of the study. Random allocation of the participants will carry out using the minimization method based on age and sex variables. Participants will be divided into two groups of intervention (will receive telephone -based orientation intervention in addition to routine care) and control (will receive routine care). Demographic questionnaire and the Spielberger anxiety questionnaire are data collection tool which will completed at the time of admission, one hour before angiography and two hours after angiography in both control and intervention groups.

Participants/Inclusion and exclusion criteria

Consent to participate in the study, age 35-60 years old and good hearing and visual acuity are inclusion criteria. Addiction, history of angiography, history of mental illness, taking tranquilizers in routine or during waiting time, and membership of a patient or his or her family members in the health care team are exclusion criteria.

Intervention groups

Intervention group: will receive telephone -based orientation intervention in addition to routine care.
Control group: will receive routine care.

Main outcome variables

score of anxiety

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20150713023190N7**

Registration date: **2018-12-30, 1397/10/09**

Registration timing: **prospective**

Last update: **2018-12-30, 1397/10/09**

Update count: **0**

Registration date

2018-12-30, 1397/10/09

Registrant information

Name

Tabandeh Sadeghi

Name of organization / entity

Rafsanjan University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 34 3425 5900

Email address

t.sadeghi@rums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2019-01-21, 1397/11/01

Expected recruitment end date

2019-06-22, 1398/04/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty	Rafsanjan
Scientific title	Province
Investigating the effect of telephone -based orientation during waiting time, on anxiety of patients undergoing coronary angiography referring to Ali Ibn Abitaleb hospital of Rafsanjan	Kerman
	Postal code
	7717933777
Public title	Approval date
The effect of telephone -based orientation during waiting time, on anxiety of patients undergoing coronary angiography	2018-12-23, 1397/10/02
Purpose	Ethics committee reference number
Education/Guidance	IR.RUMS.REC.1397.162
Inclusion/Exclusion criteria	Health conditions studied
Inclusion criteria:	<u>1</u>
Consent for participate in the study Age 35-60 years old	Description of health condition studied
Good hearing and visual acuity	Angiography
Exclusion criteria:	ICD-10 code
Addiction History of angiography History of mental illness	I25
Taking tranquilizers in routine or during waiting time	ICD-10 code description
Membership of the patient or his/her first-degree family members in the health-care team	Chronic ischaemic heart disease
Age	Primary outcomes
From 35 years old to 60 years old	<u>1</u>
Gender	Description
Both	Anxiety score based on Spielberger questionnaire
Phase	Timepoint
2-3	In the admission time, one hour before angiography and two hours after angiography
Groups that have been masked	Method of measurement
No information	Spielberger anxiety questionnaire
Sample size	Secondary outcomes
Target sample size: 70	empty
Randomization (investigator's opinion)	Intervention groups
Randomized	<u>1</u>
Randomization description	Description
Random stratification by minimization method based on age and sex variables	Intervention group: In addition to routine care, patients will receive telephone based orientation intervention (two 10-minute sessions on the day after the appointment for angiography and the day before the angiography). This intervention include descriptions of the angiographic process, how to proceed, the duration of angiography, pre and post-angiography preparation , time back to ward, common nursing care for angiography patients, how to communicate with a doctor and nurses, discharge time from angiography, bed rest after angiography, home care and hospitalization.
Blinding (investigator's opinion)	Category
Not blinded	Other
Blinding description	<u>2</u>
Placebo	Description
Not used	Control group: will receive routine care
Assignment	Category
Parallel	Other
Other design features	
Secondary Ids	
empty	
Ethics committees	
<u>1</u>	
Ethics committee	
Name of ethics committee	
Ethics committe of Rafsanjan University of Medical Sciences	
Street address	
Imam Ali Blvd	
City	

Recruitment centers

1

Recruitment center

Name of recruitment center

Ali Ibn Abitaleb Hospital

Full name of responsible person

Ali Mousavi

Street address

Mofateh Blvd

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Rafsanjan

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Rafsanjan University of Medical Sciences

Full name of responsible person

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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

Rafsanjan 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

Rafsanjan University of Medical Sciences

Full name of responsible person

Maryam Shahpari

Position

Nurse

Latest degree

Bachelor

Other areas of specialty/work

Nursery

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Person responsible for scientific inquiries

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Tabandeh Sadeghi

Position

Assistant Professor

Latest degree

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Web page address**Sharing plan****Deidentified Individual Participant Data Set (IPD)**

No - There is not a plan to make this available

Justification/reason for indecision/not sharing IPD

Confidentiality of data

Study Protocol

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

Statistical Analysis Plan

Not applicable

Informed Consent Form

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

Clinical Study Report

Not applicable

Analytic Code

Not applicable

Data Dictionary

Not applicable