Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Nov 2026

Effect of Foot Reflexology on Angiography Anexiety

Protocol summary

Summary

Important goals: - The effect of reflexology foot on anxiety in patients undergoing coronary angiography. They are accepting patients before angiography in patients who are next on the list of the day's action and will meet are eligible to enter the study, and after their introduction to the research units of the interview, conscious corporate research and demographic questionnaire will be completed Spielberger Anxiety Inventory. Then, using simple random sampling (three colored beads) intervention and control groups 1 and 2 will determine. At 6 am to 8 am on angiography questionnaire mode - as characteristics by helping researchers in all three groups will be filled Intervention (metatarsus) by the researcher in the intervention group and one hour after the metatarsus, the state Spielberger questionnaire will be filled by research assistant and also, at the time called the patient to the angiography room for the second time in a state of anxiety will be measured by the research assistant. Inclusion criteria: Age range 40-80 years Expressed a desire to participate in the study Full consciousness Health benefits, especially in the foot member Obtaining a score of more than 40 of the scale of the Spielberger questionnaire Man Exclusion criteria: Lack of consent to continue participating in the study Cancel during the angiographic study Having a history of reflexology in the last three months The main intervention: Reflexology foot massage, will be associated with the reflection of the heart. The main outcome variables: measure the level of anxiety.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015070723116N1**
Registration date: **2015-12-20, 1394/09/29**
Registration timing: **retrospective**
Last update:
Update count: **0**

Registration date

2015-12-20, 1394/09/29

Registrant information

Name
Keivan Hosseingholipour Miyandoab
Name of organization / entity
Zanjan University of Medical Sciences
Country
Iran (Islamic Republic of)
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+98 44333706942
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k.gholipour@zums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Zanjan University of Medical Sciences

Expected recruitment start date

2015-09-23, 1394/07/01

Expected recruitment end date

2015-11-22, 1394/09/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of Foot Reflexology on Angiography Anexiety

Public title

Effect of Foot Reflexology on Angiography Anexiety

Purpose

Health service research

Inclusion/Exclusion criteria

Inclusion criteria: aged 40-80 years expressed a desire to

participate in study ؛ Having a health alert, especially in the foot member Arthur ؛ No Line on foot؛ Lack of bleeding disorders and the lack of anti-anxiety medication 48 hours before the intervention؛ The lack of any mental disorder 8. jobs do not belong to the absence of any drug therapy؛ history of diabetes for over 10 years ؛ Not having a heart pacemaker, bradycardia and hypotension ؛ The lack of non-participation in other clinical trials simultaneously Exclusion criteria: The lack of consent to continue participating in study ؛ cancel during the angiographic study؛ Any problem happened during Mtaalh) chest pain, shortness of breath ؛ having reflexology in the last three months

Age
From **40 years** old to **80 years** old

Gender
Male

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **150**

Randomization (investigator's opinion)
Randomized

Randomization description

Blinding (investigator's opinion)
Double blinded

Blinding description

Placebo
Not used

Assignment
Parallel

Other design features
Using three colored beads

Secondary Ids

1

Registry name
-

Secondary trial Id
-

Registration date
empty

2

Registry name
-

Secondary trial Id
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Registration date
empty

3

Registry name
-

Secondary trial Id
-

Registration date
empty

Ethics committees

1

Ethics committee

Name of ethics committee
Ethics committee of Zanjan University of Medical Science

Street address
Azadi Street, zanjan

City
Zanjan

Postal code

Approval date
2015-08-11, 1394/05/20

Ethics committee reference number
ZUMS.REC.1394.145

Health conditions studied

1

Description of health condition studied
coronary disease

ICD-10 code
I51.6

ICD-10 code description
I25.0

Primary outcomes

1

Description
Anxiety Level

Timepoint
Before and After Than foot Reflexology and immediately before angiography

Method of measurement
Spilberger Questionnare

Secondary outcomes

1

Description
-

Timepoint
-

Method of measurement
-

Intervention groups

1

Description
Case 1: The metatarsus Reflexology associated to heart

Category
Other

2

Description
Control group 1: The metatarsus associated with the uterus
Category
Other

3

Description
Control 2: Without any massage
Category
Other

Recruitment centers

1

Recruitment center
Name of recruitment center
Moosavi Educationoremedial Center, Zanjan
Full name of responsible person
Keiwan Hosseingholipour Miyandoab
Street address
Zanjan Nursing and Midwifery Faculity
City
Zanjan

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Vice chancellor for research Zanjan University of Medical Sciences
Full name of responsible person
Dr. Sograt , Fagihzadeh
Street address
Azadi Sreet, Zanjan, Iran
City
Zanjan
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 Zanjan 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
Zanjan University of Medical Science
Full name of responsible person
Dr.korosh Amini
Position
Doctrate
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Person responsible for scientific inquiries

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Person responsible for updating data

Contact
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Zanjan Nursing and Midwifery Faculity
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Keivan Hosseingholipour Miyandoab
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Critical Care Nursing Student
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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