Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Nov 2026

Comparison of acupressure points HE_7with a third eye on anxiety in patients undergoing coronary angiography at Ali ebne-Abitaleb hospital in Rafsanjan

Protocol summary

Summary

Coronary artery disease is the most common heart disease. There are several tests for the diagnosis of this disease. Angiography is a standard way of definitive diagnosis of coronary artery disease. Acupressure is one of the treatments for anxiety. Different studies have been done on the effect of acupressure on anxiety. A study to compare the effect of acupressure on anxiety patients in two points: HE_7 with Third Eye in undergoing coronary angiography patients in Rafsanjan Ali ibn Abi Taleb Hospital will be carried out. This study is a clinical trial with random sampling. 135 eligible patients will be enrolled and randomly assigned into three groups of 45 blocks of acupressure points HE_7, third eye and placebo groups. The intervention will be applied 30 minutes before angiography in these areas. Before in intervention the demographic information such as age, sex and anxiety questionnaire will be completed; also 10 minutes after the procedure another anxiety questionnaire will be completed.

General information

Acronym

HE-7

IRCT registration information

IRCT registration number: **IRCT2015052418357N2**
Registration date: **2015-07-15, 1394/04/24**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2015-07-15, 1394/04/24

Registrant information

Name

Nahid Hassani

Name of organization / entity

Rafsanjan University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 39 1522 3363

Email address

a_ansari@rums.ac.ir

Recruitment status

Recruitment complete

Funding source

Rafsanjan University of Medical Sciences

Expected recruitment start date

2015-03-01, 1393/12/10

Expected recruitment end date

2015-09-01, 1394/06/10

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of acupressure points HE_7with a third eye on anxiety in patients undergoing coronary angiography at Ali ebne-Abitaleb hospital in Rafsanjan

Public title

The effect of acupressure on anxiety level of patients undergoing coronary angiography

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Iranian nationality; no particular problem at the application of acupressure (absence of wounds, burns , cysts , abscesses); lack of medicines,

sedatives, analgesics or drugs such as a beta blocker before test; consciousness of the patient; non-emergency condition; lack arrhythmia dangerous for the patient; hemodynamically stable patients without history of mental problems, history acupressure or drug addiction. Exclusion criteria: having health problems (vision, hearing, mental); history of coronary angiography.

Age
From **38 years** old to **85 years** old

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **135**

Randomization (investigator's opinion)
Randomized

Randomization description

Blinding (investigator's opinion)
Single blinded

Blinding description

Placebo
Used

Assignment
Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Rafsanjan University of Medical Sciences

Street address
The Central University Medical Sciences,Buolvard Imam Ali-Rafsanjan

City
Rafsanjan

Postal code
7718796755

Approval date
2015-01-21, 1393/11/01

Ethics committee reference number
IR.RUMS.REC.6

Health conditions studied

1

Description of health condition studied
Anxiety

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description
Anxiety

Timepoint
Pre intervention-post intervention

Method of measurement
Spielberger questionnaire

Secondary outcomes

empty

Intervention groups

1

Description
the first intervention is acupressure in point Third Eye that this point between the eyebrows and the root of the nose , researcher apply for 5 minutes.

Category
Other

2

Description
the second intervention is acupressure in point HE-7 that researcher apply for 5 minutes

Category
Other

3

Description
Third intervention is placebo that acupressure apply on the false point for 5 minutes

Category
Other

Recruitment centers

1

Recruitment center

Name of recruitment center
Ali ibn Abi Talib Hospital

Full name of responsible person
Dr Majid Kazemi

Street address
Nursing faculty, jomhori street, Rafsanjan,Iran

City
Rafsanjan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice Chancellor for research of Rafsanjan University of Medical Sciences

Full name of responsible person
Dr Majid Kazemi

Street address
Nursing faculty, Jomhori street, Rafsanjan, Iran

City
Rafsanjan

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 of Rafsanjan 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
Rafsanjan University of Medical Sciences

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Dr. Majid Kazemi

Position
Associate Professor of Nursing

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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