Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Nov 2026

The effect of spiritual training on pre-operative anxiety in patients' undergoing coronary artery bypass graft surgery in Lavasani hospital of Tehran, Iran 2011: a random assigned clinical trial

Protocol summary

Summary

Objective: To determine the effect of spiritual/religious training intervention on anxiety of individuals scheduled for Coronary Artery Bypass Graft surgery. Inclusion criteria include: candidate for coronary artery bypass graft surgery, Muslim Shia, age between 45-75 years old, first time hospitalized for coronary surgery, without diagnosed mental disorder. Study population include all of coronary artery bypass graft's candidates that hospitalised in Tehran's Shahid Lavasani hospital for April to July 2011. Participants were 66 patients with ischemic heart disease who selected from study population based on inclusion criteria and randomly allocated in two control and intervention groups. Interventions consisted of five sessions of Spiritual-religious training based on Richards and Bergin's technique in five days. Each session continued for 45 to 60 minutes. Anxiety measured before, and 2 hours after intervention before surgery. Rate of anxiety compared before and after intervention in intervention and control groups.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2012071010228N1**
Registration date: **2012-11-26, 1391/09/06**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2012-11-26, 1391/09/06

Registrant information

Name

Mohammadali Hosseini

Name of organization / entity

University of Social Welfare and Rehabilitation Sciences

Country

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Recruitment status

Recruitment complete

Funding source

Nursing Master Science thesis of Mr. Alireza Salehi from the University of Social Welfare & Rehabilitation Sciences.

Expected recruitment start date

2010-04-29, 1389/02/09

Expected recruitment end date

2011-07-01, 1390/04/10

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of spiritual training on pre-operative anxiety in patients' undergoing coronary artery bypass graft surgery in Lavasani hospital of Tehran, Iran 2011: a random assigned clinical trial

Public title

Spiritual/religious training on pre-operative anxiety of patients' undergoing coronary artery bypass graft

Purpose

Supportive

Inclusion/Exclusion criteria
Inclusion criteria: Patients were confirmed to surgery and recorded in their case by Angiography; the first time hospitalization for cronary surgery; having ability to communication and interview; ability to tolerate the interventions; acceptance to be as a research participants; aged between 45 to 75 years old; Moslem, Shiites; Literacy to read and write in Persian; Ability to talking with Persian language; Exclusion criteria: Patients who had medical background of depression, chronic anxiety or schizophrenia; patients who didn't complete their questionnaires;

Age
From **45 years** old to **75 years** old

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **66**

Randomization (investigator's opinion)
Randomized

Randomization description

Blinding (investigator's opinion)
Single blinded

Blinding description

Placebo
Not used

Assignment
Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
University of Social Welfare and Rehabilitation Sciences

Street address
Koodakyar Ave, Daneshjoo Blv, Evin

City
Tehran

Postal code
1985713831

Approval date
2011-09-23, 1390/07/01

Ethics committee reference number
6748. 1 . 91 . 801 .Ĩ

Health conditions studied

1

Description of health condition studied
Anxiety

ICD-10 code
F41.9

ICD-10 code description
Anxiety disorder, unspecified

Primary outcomes

1

Description
Anxiety

Timepoint
Before intervention and five sessions after interventions

Method of measurement
Hamilton Anxiety Scale

2

Description
Anxiety

Timepoint
Before intervention and five sessions after interventions

Method of measurement
Hamilton Anxiety scale

Secondary outcomes

1

Description
Age, Gender, Disease Background and Acceptance to be as a participants

Timepoint
Prior of the study

Method of measurement
Demographic questionnaire

Intervention groups

1

Description
Intervention group: The intervention was included of five sessions of spiritual-religious group therapy with emphasis on the Richards and Bergin's spiritual therapy technique and based on Islamic Zikrs (holy Quran and Hadith with positive approach), and meditation. Each session including 5-7 people and lasted from 45 min to one hour in average of five days.

Category
Behavior

2

Description
Control group: The control group only received routine nursing care including: initial physical and mental supports.

Category
N/A

Recruitment centers

1

Recruitment center
Name of recruitment center
Shahid Lavasani Heart Hospital of Tehran
Full name of responsible person
Alireza Salehi
Street address
Shahid Lavasani Heart Hospital of Tehran. Sorkhehesar area. Tehran
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Sponsors / Funding sources

1

Sponsor
Name of organization / entity
University of Social Welfare and Rehabilitation Sciences
Full name of responsible person
Dr. Khodaee
Street address
Koodakyar Ave, Daneshjoo Blv, Evin
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Tehran
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
University of Social Welfare and Rehabilitation 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

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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