

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

05 Jul 2026

**Title: The effect of implementation sexual educational plan By nurses for patient after myocardial infarction and their spouses on stress, anxiety, depression and sexual satisfaction their**

### Protocol summary

#### Summary

Background: Myocardial Infarction (MI) is a common presentation of coronary artery disease. Patients with MI need to receive education on sexual health before discharge. Disregarding this issue may lead to stress, anxiety, depression and reduction of sexual satisfaction in the patients and their spouses. Objective: The evaluation of effect of implementation sexual educational plan by nurses for patient after myocardial infarction and their spouses on stress, anxiety, depression and sexual satisfaction their. Method: This is a semi-experimental study conducted on 120 patients with MI and their spouses who were non-randomly divided into two groups (n=60 per group). Data were gathered using demographic information, DASS-21 and Larson standard questionnaires. In this study four nurses were prepared through two theoretical and one practical session and then provided sexual health education for the patients and their spouses in five sessions. The patients were also given pamphlets containing the same information and followed up after 6 weeks. Data were analyzed using SPSS 16.

### General information

#### Acronym

#### IRCT registration information

IRCT registration number: **IRCT2013102115106N1**  
Registration date: **2013-11-01, 1392/08/10**  
Registration timing: **retrospective**

Last update:

Update count: **0**

#### Registration date

2013-11-01, 1392/08/10

#### Registrant information

#### Name

Imane Bagheri

#### Name of organization / entity

Tarbiat Modares University

#### Country

Iran (Islamic Republic of)

#### Phone

+98 21 8288 2198

#### Email address

imane.bagheri@modares.ac.ir

#### Recruitment status

**Recruitment complete**

#### Funding source

400/0000 Rials

#### Expected recruitment start date

2012-03-19, 1390/12/29

#### Expected recruitment end date

2013-04-21, 1392/02/01

#### Actual recruitment start date

empty

#### Actual recruitment end date

empty

#### Trial completion date

empty

#### Scientific title

Title: The effect of implementation sexual educational plan By nurses for patient after myocardial infarction and their spouses on stress, anxiety, depression and sexual satisfaction their

#### Public title

The effect of sexual educational plan on sexual satisfaction, anxiety, stress and depression patient with myocardial infarction and their spouses

#### Purpose

Supportive

#### Inclusion/Exclusion criteria

Inclusion criteria: age between 30-60 years old; every two sexes; legally married; monogamy; the patient and his wife do not impediment to sexual communication; literate; diagnosis of MI is confirmed by a physician for samples; be admitted in ccu and is at least the third day of their stay (they have the ability to communicate); first MI; known case of depression; anxiety and stress do not have; do not have sexual disorders like premature ejaculation, sexual reluctance dyspareunia, vaginismus and ... ; do not have serious complications of myocardial infarction. Exclusion criteria: patient and partner can be a barrier sexual communication; patient experience secondary MI; have Known case of depression; anxiety and stress; do have sexual disorders like premature ejaculation; sexual reluctance dyspareunia; vaginismus and ...; do have serious complications of myocardial infarction. ,

#### **Age**

From **30 years** old to **60 years** old

#### **Gender**

Both

#### **Phase**

N/A

#### **Groups that have been masked**

*No information*

#### **Sample size**

Target sample size: **120**

#### **Randomization (investigator's opinion)**

Not randomized

#### **Randomization description**

#### **Blinding (investigator's opinion)**

Not blinded

#### **Blinding description**

#### **Placebo**

Not used

#### **Assignment**

Single

#### **Other design features**

### **Secondary Ids**

empty

### **Ethics committees**

#### **1**

##### **Ethics committee**

###### **Name of ethics committee**

Tarbiat Modarres University

###### **Street address**

Tehran, Jalal Al-Ahmad, Paul Nasr, Tarbiat Modarres University

###### **City**

Tehran

###### **Postal code**

111-14115

##### **Approval date**

2012-09-29, 1391/07/08

##### **Ethics committee reference number**

52/2511

### **Health conditions studied**

#### **1**

##### **Description of health condition studied**

Myocardial infarction

##### **ICD-10 code**

I21

##### **ICD-10 code description**

Acute myocardial infarction

### **Primary outcomes**

#### **1**

##### **Description**

Stress, anxiety, depression

##### **Timepoint**

Before intervention, 6 weeks after the intervention

##### **Method of measurement**

Questionnaire dass-21

#### **2**

##### **Description**

Sexual satisfaction

##### **Timepoint**

Before intervention, 6 weeks after the intervention

##### **Method of measurement**

Sexual satisfaction questionnaire Larson questionnaire Larson

### **Secondary outcomes**

empty

### **Intervention groups**

#### **1**

##### **Description**

preparing nurses for Intervention and implementation sexual educational plan for patient after myocardial infarction and their spouses in five sessions 15 Minute by nurses that Over 2 consecutive days, starting from the third day of hospitalization

##### **Category**

Rehabilitation

#### **2**

##### **Description**

No intervention in control group

##### **Category**

N/A

### **Recruitment centers**

#### **1**

##### **Recruitment center**

**Name of recruitment center**

Afshar educational hospital

**Full name of responsible person**

Mohammad Taghi Sareban Director of Heart Research Center.

**Street address**

Afshar Hospital, Yazd, Iran President

**City**

Yazd

## Sponsors / Funding sources

### 1

**Sponsor**

**Name of organization / entity**

Tarbiat Modarres University

**Full name of responsible person**

Director of Research office

**Street address**

Tehran, Jalal Al-Ahmad, Paul Nasr, Tarbiat Modarres University

**City**

Tehran

**Grant name**

**Grant code / Reference number**

**Is the source of funding the same sponsor organization/entity?**

Yes

**Title of funding source**

Tarbiat Modarres University

**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**

Tarbiat Modarres University

**Full name of responsible person**

Imane Bagheri

**Position**

Master of Nursing

**Other areas of specialty/work**

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## Person responsible for scientific inquiries

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Robabe Memarian

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PhD

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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*