

Clinical Trial Protocol

Iranian Registry of Clinical Trials

29 Jul 2026

The efficacy of citalopram in depression and quality of life in patients with acute coronary syndrome

Protocol summary

Summary

This study aims to evaluate the efficacy of citalopram in depression and quality of life of patients with acute coronary syndrome (included acute myocardial infarction or unstable angina). Study population includes 40 patients with acute coronary syndrome in the age more than 18 years who are admitted in two cardiac care units affiliated to Babol University of Medical Sciences. Psychological tests will be asked when the patients have stable cardiac status and are ready to answer to the questions. At first, the patients will be assessed with Hospital Anxiety and Depression Scale and the patients whose scores are more than 11 will be included in the study. Then, their quality of life will be assessed with a questionnaire. These patients will be allocated randomly in intervention and control groups. 20 patients in intervention group will receive 20 milligram citalopram in a day for 8 weeks and 20 persons in the control group will be followed for 8 weeks without this drug. In the third and eighth weeks after intervention, Hospital Anxiety and Depression Scale and patients quality of life will be assessed repeatedly.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016091722991N6**

Registration date: **2016-09-30, 1395/07/09**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-09-30, 1395/07/09

Registrant information

Name

Sussan Moudi

Name of organization / entity

Babol University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 11 3236 5683

Email address

sussan.mouodi@mubabol.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Babol University of Medical Sciences

Expected recruitment start date

2015-09-23, 1394/07/01

Expected recruitment end date

2016-09-22, 1395/07/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The efficacy of citalopram in depression and quality of life in patients with acute coronary syndrome

Public title

The efficacy of citalopram in depression and quality of life in the patients with cardiac disease

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: admission in cardiac care units because of acute coronary syndrome; age more than 18 years; women in reproductive ages who are not pregnant and do not want to have pregnancy in duration of the study; assignment the informed consent form of the

study Exclusion criteria: past history of intolerance to selective serotonin reuptake inhibitors; severe and life threatening medical conditions which inhibit the participation of the patient in duration of the study; severe congestive heart failure with diagnosis of the cardiologist; dependence to alcohol or other addictive drugs; psychosis or dementia or mental retardation in patient; pregnancy and breast feeding; history of elevated mood

Age

From **18 years** old to **100 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **40**

Randomization (investigator's opinion)

Randomized

Randomization description**Blinding (investigator's opinion)**

Not blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features**Secondary Ids**

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Ethics committee of Babol University of Medical Sciences

Street address

University of Medical Sciences, Babol

City

Babol

Postal code**Approval date**

2015-03-11, 1393/12/20

Ethics committee reference number

Mubabol.Rec.1393.2

Health conditions studied**1****Description of health condition studied**

Acute Coronary Syndrome

ICD-10 code

120.0

ICD-10 code description

Unstable Angina

2**Description of health condition studied**

Acute Coronary Syndrome

ICD-10 code

121

ICD-10 code description

Acute Myocardial Infarction

Primary outcomes**1****Description**

patient's depressive condition

Timepoint

3th and 8th weeks after treatment

Method of measurement

Hospital Anxiety and Depression Scale

2**Description**

patient's quality of life

Timepoint

3th and 8th weeks after treatment

Method of measurement

SF-36 Quality of Life Questionnaire

Secondary outcomes**1****Description**

adverse drug reaction

Timepoint

3rd and 8th weeks after treatment

Method of measurement

psychiatric visit

Intervention groups**1****Description**

Intervention group: Ramopharmin drug company citalopram tablets 20 milligram daily for 8 weeks

Category

Treatment - Drugs

2**Description**

Control group: weekly psychiatric visit without any antidepressant drug for 8 weeks

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Shahid Beheshti Hospital

Full name of responsible person

Sussan Moudi, MD

Street address

Shahid Beheshti Hospital, Sargord Ghassemi Avenue,
Babol

City

Babol

2

Recruitment center

Name of recruitment center

Ayatollah Rouhani Hospital

Full name of responsible person

Sussan Moudi, MD

Street address

Ayatollah Rouhani Hospital, Ganjafrooz avenue, Babol

City

Babol

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice Chancellor for research of Babol University of
Medical Sciences

Full name of responsible person

Ali Akbar Moghadamnia, PhD

Street address

Babol University of Medical Sciences, Ganjafrooz
Avenue, Babol

City

Babol

Grant name

-

Grant code / Reference number

2705

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

Yes

Title of funding source

Vice Chancellor for research of Babol 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

Babol University of Medical Sciences

Full name of responsible person

Sussan Moudi, MD

Position

Assistant Professor in Psychiatry

Other areas of specialty/work**Street address**

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Person responsible for updating data

Contact

Name of organization / entity

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Full name of responsible person

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Web page address

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