

Clinical Trial Protocol

Iranian Registry of Clinical Trials

27 May 2026

Effect of Ducrosia Anethifolia on anxiety of patients with acute myocardial infarction

Protocol summary

Summary

The goal of this study is determination of the effect of Ducrosia Anethifolia on anxiety after myocardial infarction. Inclusion criteria: Diagnosed MI based on cardiologist opinion; having no history of psychoneurosis disorders; Exclusion criteria: having no ability to communicate with other; suffering from psychoneurosis disorders; The study population was the patients hospitalized in Imam Khomani hospital in Khomain which their MI was diagnosed by cardiologist. Sample size was equal to 70 patients which were assigned into 2 groups with 35 samples randomly. Intervention: Group1(intervention): Routine treatment + 100 mg of soft capsule (Perl) containing of the essence of Ducrosia Anethifolia two times in a day (6 am and 6 pm). Group 2(control): Routine treatment + placebo (Perl) two times in a day (6 am and 6 pm). Then the effect of Ducrosia Anethifolia on anxiety of the patients with myocardial infarction will determined.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201302034519N5**
Registration date: **2013-02-23, 1391/12/05**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2013-02-23, 1391/12/05

Registrant information

Name

Davood Hekmatpou

Name of organization / entity

Arak University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 86 1417 3645

Email address

dr_hekmat@arakmu.ac.ir

Recruitment status

Recruitment complete

Funding source

Arak University of Medical Sciences

Expected recruitment start date

2012-12-01, 1391/09/11

Expected recruitment end date

2013-03-01, 1391/12/11

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of Ducrosia Anethifolia on anxiety of patients with acute myocardial infarction

Public title

Effect of Ducrosia Anethifolia on post myocardial infarction anxiety

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: Diagnosed MI based on cardiologist opinion; ability and permitted to take oral tablet; having no history of psychoneurosis disorders; no treatment with antipsychotic drugs; Exclusion criteria: having no ability to communicate with other; suffering from psychoneurosis disorders; treatment with antipsychotic drugs; inducing side effects or drugs interactions;

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: 70

Randomization (investigator's opinion)

Randomized

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

Double blinded

Blinding description**Placebo**

Used

Assignment

Parallel

Other design features**Secondary Ids**

empty

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

Ethics Committee of Arak University of Medical Sciences

Street address

Basij Sq. Arak

City

Arak

Postal code**Approval date**

2012-10-08, 1391/07/17

Ethics committee reference number

91-134-8

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

Myocardial Infarction

ICD-10 code

I20-I25

ICD-10 code description

Acute myocardial infarction

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

patient anxiety

Timepoint

Before intervention

Method of measurement

Spiel Berger questionnaire

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

Patient anxiety

Timepoint

Before and after 48 hours

Method of measurement

Spiel Berger questionnaire

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

Group 2(control): Routine treatment + placebo (Perl) two times in a day (6 am and 6 pm).

Category

Treatment - Other

2**Description**

Group1(intervention): Routine treatment + 100 mg of soft capsule (Perl) containing of the essence of Ducrosia Anethifolia two times in a day (6 am and 6 pm).

Category

Treatment - Other

Recruitment centers**1****Recruitment center****Name of recruitment center**

Imam Khomaini Hospital

Full name of responsible person

Dr. Davood Hekmatpou

Street address

Imam St.

City

Khomain

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Arak University of Medical Sciences

Full name of responsible person

Dr. Davood Hekmatpou

Street address

Basij Sq.

City

Arak

Grant name

Grant code / Reference number
Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Arak 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

Arak University of Medical Sciences

Full name of responsible person

Dr. Davood Hekmatpou

Position

Ph.D /Research Manager

Other areas of specialty/work

Street address

Basij Sq.

City

Arak

Postal code

Phone

+98 86 1417 3645

Fax

Email

dr_hekmat@arakmu.ac.ir

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Arak University of Medical Sciences

Full name of responsible person

Dr. Davood Hekmatpou

Position

Ph.D in Nursing

Other areas of specialty/work

Street address

Basij Sq.

City

Arak

Postal code

Phone

+98 84173645

Fax

Email

dr_hekmat@arakmu.ac.ir

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Arak University of Medical Sciences

Full name of responsible person

Dr. Davood Hekmatpou

Position

Ph.D/ Research Manager

Other areas of specialty/work

Street address

Basij Sq

City

Arak

Postal code

Phone

+98 86 1417 3645

Fax

Email

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