

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

Effect of herbal ointment (pepper, rosemary, peppermint) on back pain in patients undergoing angiography

Protocol summary

rghafarzadegan@gmail.com

Summary

This study aimed to investigate the effect of a combination of herbal ointment on back pain in patients undergoing angiography. The study population included all patients with angiography and samples are consisted of 80 patients with angiography in Amiralmomenin Hospital in Arak that they do not have any complication of angiography and not affected by bleeding disorders and lumbar discopathy and available sampling was used to collect samples. In the intervention group for 2 days (4 times per day) Herbal ointment rubbed on their back and before using the ointment and at the end of the second day pain levels measured with VAS scale. In control group lubricant gel use as placebo.

Recruitment status

Recruitment complete

Funding source

Arak University of Medical Sciences

Expected recruitment start date

2016-03-20, 1395/01/01

Expected recruitment end date

2017-03-20, 1395/12/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017050133751N1**

Registration date: **2017-06-11, 1396/03/21**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2017-06-11, 1396/03/21

Registrant information

Name

rezvan ghafarzadegan

Name of organization / entity

Arak University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 86 3426 2226

Email address

Scientific title

Effect of herbal ointment (pepper, rosemary, peppermint) on back pain in patients undergoing angiography

Public title

Effect of herbal ointment on back pain in patients undergoing angiography

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: Ready to participate in the study and informed consent form filling Older than 18 and younger than 60 years Having a history of allergic diseases According to his statement, with no mental illness and mental illness was incurable and did not take this drug. Being non-emergency angiography Full patient Consciousness Exclusion criteria: Complications during angiography There is active bleeding disorders Not wanting to get involved in different stages of research History of back pain or surgery on the spine discopathy Systolic blood pressure greater than 190 mm Hg and diastolic blood pressure greater than 110 mm Hg

Age

From **18 years** old to **60 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **80**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Used

Assignment

Parallel

Other design features

Secondary Ids

1

Registry name

ثبت نشده

Secondary trial Id

ثبت نشده

Registration date

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of arak University of Medical Sciences

Street address

arak basij square

City

arak

Postal code

Approval date

2015-11-23, 1394/09/02

Ethics committee reference number

ir.arakmu.rec.1394.218

Health conditions studied

1

Description of health condition studied

low back pain

ICD-10 code

R29-8

ICD-10 code description

Diseases of the musculoskeletal system and connective tissue

Primary outcomes

1

Description

pain

Timepoint

daily

Method of measurement

VAS scale

Secondary outcomes

1

Description

BMI

Timepoint

Daily

Method of measurement

Kg & Meter

Intervention groups

1

Description

intervantion group:herbal ointment combination of pepper,peppermint and resemary.constructed by daymond company.use for 2 days(4 times per day)

Category

Treatment - Drugs

2

Description

control group: placebo lubricant gel using for 2 days(4 times per day)

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Arak Amiralmomenin Hospital

Full name of responsible person

rezvan ghafarzadegan

Street address

arak basij square

City

Arak

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice Chancellor for research of arak university of
medical sciences

Full name of responsible person

Rezvan Ghafarzadegan

Street address

Basij Square arak

City

arak

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 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

Ghazavi Ali

Position

PHD

Other areas of specialty/work

Street address

Basij Square

City

arak

Postal code

Phone

+98 86 3417 3645

Fax

Email

ghazaviali@gmail.com, ghazaviali@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

rghafarzadegan

Position

master of sciences

Other areas of specialty/work

Street address

arak basij square

City

arak

Postal code

Phone

+98 86 3426 2226

Fax

Email

rghafarzadegan@gmail.com

Web page address

Person responsible for updating data

Contact

Name of organization / entity

arak university of medical sciences

Full name of responsible person

rghafarzadegan

Position

master of sciences

Other areas of specialty/work

Street address

arak basij square

City

arak

Postal code

Phone

+98 86 3426 2226

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