Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Nov 2026

The antioxidative activity of Stachys lavandulifolia aqueous extract

Protocol summary

Summary

The present investigation are aimed to study the antioxidant activity of Stachys lavandulifolia plant. The trial was conducted on 26 healthy human subjects. They are asked to use 3 g of S. lavandulifolia aerial parts as infusion for 14 days at the morning and evening each day. At the beginning and the end of study, blood samples aretaken from individuals to determine the level of peroxidation of blood lipids as well the total content of serum antioxidants.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013012210003N2**
Registration date: **2013-02-06, 1391/11/18**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2013-02-06, 1391/11/18

Registrant information

Name

Ali akbar Malekirad

Name of organization / entity

Payame Noor University

Country

Iran (Islamic Republic of)

Phone

+98 86 2422 6073

Email address

malekirad@tabrizu.ac.ir

Recruitment status

Recruitment complete

Funding source

Pharmaceutical Sciences Research Center and Islamic Azad University, Jiroft Branch

Expected recruitment start date

2012-03-19, 1390/12/29

Expected recruitment end date

2013-02-05, 1391/11/17

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The antioxidative activity of Stachys lavandulifolia aqueous extract

Public title

The antioxidative activity of Stachys

Purpose

Prevention

Inclusion/Exclusion criteria

inclusion:age 16-55؛no using any drug؛no exposure to x ray؛ metals؛anesthesia during past year exclusion:no using regular drug(more than 3 time)؛no tendency to contineus study؛ being menstruation durind study

Age

From **16 years** old to **55 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **26**

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Single blinded

Blinding description

Placebo
Not used
Assignment
Single
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Pharmaceutical Sciences Research Center
Street address
Pharmaceutical Sciences Research Center,Faculty of Pharmacy, Theran University of Medical Sciences, 16 Azar Street, Enghelab Street
City
Tehran
Postal code
1417614411
Approval date
2010-08-20, 1389/05/29
Ethics committee reference number
91-11-8:1-1

Health conditions studied

1

Description of health condition studied
Oxidative stress
ICD-10 code
Z00.8
ICD-10 code description
آزمایشات سلامتی در جمعیت مورد مطالعه

Primary outcomes

1

Description
lipid xidationpero
Timepoint
before and after intervention
Method of measurement
thiobarbituric acid method

2

Description
Total Antioxidant Capacity
Timepoint
Before and After intervention
Method of measurement
FRAP method

Secondary outcomes

1

Description
health psychology state
Timepoint
before and after intervention
Method of measurement
General Health Questionare(GHQ)

Intervention groups

1

Description
use 3 g of S. lavandulifolia aerial parts as infusion for 14 days at the morning and evening each day hn healthy subjects
Category
Prevention

Recruitment centers

1

Recruitment center
Name of recruitment center
Persion Gulf Research Center
Full name of responsible person
Ali Akbar Malekirad
Street address
Morghi Avay, Baghe Meli Square, Arak, Iran
City
Arak

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Islamic Azad University, Jiroft Branch
Full name of responsible person
Kavoose Solimani
Street address
Jiroft, Islamic Azad University
City
Jiroft
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Islamic Azad University, Jiroft Branch
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

Payame Noor University

Full name of responsible person

Ali Akbar Malekirad

Position

PhD of physiology

Other areas of specialty/work

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Person responsible for scientific inquiries

Contact

Name of organization / entity

4Faculty of Pharmacy, and Pharmaceutical Sciences Research Center, Tehran University of Medical Scie

Full name of responsible person

Mohammad Abdollahi

Position

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Other areas of specialty/work

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Person responsible for updating data

Contact

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Other areas of specialty/work

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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