

Clinical Trial Protocol

Iranian Registry of Clinical Trials

14 Jul 2026

Evaluation of the effect of Vaj (Acorus calamus) syrup on mild to moderate Alzheimer's disease in patients referring to the neurology clinic

Protocol summary

Summary

This randomized, controlled clinical trial, was conducted to investigate the effect of the Iranian medicine called Vaj syrup (Acorus calamus) on the severity of mild to moderate Alzheimer's disease. Patients should be 50 to 80 years old and have a CDR score of less than or equal to 2 and an ADAS-COG score of 12 or higher to participate in the study. Exit criteria include chronic physical or psychosocial disorders other than Alzheimer's, and side effects of the drug. This study is performed on Alzheimer's patients referred to the Neurological Specialty Clinic whose diagnosis is definite by the neurologist, and the minimum sample size is 20 people. In this study, the intervention group, half an hour before each meal received the Vaj syrup. each time they received 10 mg with the common drug, and the control group received only the common medicine. The severity of Alzheimer's disease at baseline 4, 8 and 12 weeks after the intervention is measured using standard CDR and ADAS-COG questionnaires. Therefore, considering the effectiveness of this plant in improving memory and strengthening the brain in new articles and prescribing it in Iranian literature for years to strengthen memory and that there has not yet been any research on its efficacy in humans, it was decided that investigate the effect of Vaj syrup on a patient with Alzheimer's in a Clinical Trial.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017102030776N2**

Registration date: **2017-11-20, 1396/08/29**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2017-11-20, 1396/08/29

Registrant information

Name

Mohadese Kamali

Name of organization / entity

Kerman University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 34 3211 2827

Email address

mohadesekamali0912@gmail.com

Recruitment status

Recruitment complete

Funding source

Traditional Medicine and History Research Center of Shiraz University of Medical Sciences

Expected recruitment start date

2017-10-23, 1396/08/01

Expected recruitment end date

2018-01-20, 1396/10/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation of the effect of Vaj (Acorus calamus) syrup on mild to moderate Alzheimer's disease in patients referring to the neurology clinic

Public title

The effect of a Vaj (Acorus calamus) syrup on Alzheimer's

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: aged over 50 years; CDR score less

than or equal to 2: ADAS-COG score greater than or equal to 12: no heart disease: no high blood pressure: no drug abuse and alcohol dependency: Non use of anticoagulants: no diabetes -ability to participate in the study: no more than 80 years old: definite Alzheimer's disease Outcome criteria : bipolar disorder ; mild to severe depression ; co-morbidity with other neurological diseases ; inability to participate in the study: Inability to continue treatment ; causing side effects

Age

From **46 years** old to **16 years** old

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: **20**

Randomization (investigator's opinion)

Randomized

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

Not blinded

Blinding description**Placebo**

Used

Assignment

Parallel

Other design features**Secondary Ids**

empty

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

Shiraz University of Medical Sciences

Street address

Faculty of Medicine, Traditional Medicine Research Center and Medical History, Zand Avenue, Shiraz, Iran

City

Shiraz

Postal code

7134845794

Approval date

2016-12-10, 1395/09/20

Ethics committee reference number

IR.SUMS.REC.1395.82

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

Alzheimer

ICD-10 code

G32

ICD-10 code description

Other degenerative disorders of nervous system in diseases classified elsewhere

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

Severity of Alzheimer

Timepoint

four, eight, twelve weeks after intervention

Method of measurement

CDR and ADAS-COG questionnaire

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

side effects

Timepoint

four, eight, twelve weeks after intervention

Method of measurement

Self-made questionnaire

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

The control group is only used common drug (galantamine pill, rivastigmine capsule or danepzil tablet) for 12 weeks.

Category

Treatment - Drugs

2**Description**

Intervention group was received Vaj syrup half an hour before each meal, each time they received 10 mg with the common medicine.

Category

Treatment - Drugs

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

Besat clinic 4

Full name of responsible person

Mohadese Kamali

Street address

The end of Shahid rajaee street, Kerman

City

Kerman

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Traditional Medicine and History Research Center of
Shiraz University of Medical Sciences

Full name of responsible person

Dr. Mahdi Pasalar

Street address

Faculty of Medicine, Traditional Medicine Research
Center and Medical History, Zand Avenue, Shiraz, Iran

City

Shiraz

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

Yes

Title of funding source

Traditional Medicine and History Research Center of
Shiraz 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**

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Full name of responsible person

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Position

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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

