

Clinical Trial Protocol

Iranian Registry of Clinical Trials

03 Jun 2026

The effect of *Elaeagnus angustifolia* flower capsule to improvement of female sexual desire and sexual hormone in married 18-40 years old .

Protocol summary

Summary

The goal of this study is to assess the effect of *Elaeagnus angustifolia* flower capsule on female sexual desire and sexual hormones . In this study have participated 84 married women with age between 18 to 40 years old that have low sexual desire that are randomly in two groups with *Elaeagnus angustifolia* flower capsule and control groups .Before and after of intervention, hormonal tests consist of total testosterone-free testosterone and DEHAS are examined. *Elaeagnus angustifolia* flower capsule dosage for each patient in day is 4/5 g in 2 divided doses (every 12 hours, two numbers) . The control group use placebo every 12 hours. Intervention period is 35 days. after that sexual desire and sexual satisfaction , Respectively are examined with Hurlbert desire index and Enrich questionnaire(short form).

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201212079818N2**

Registration date: **2012-12-24, 1391/10/04**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2012-12-24, 1391/10/04

Registrant information

Name

Sanaz Zeinalzadeh

Name of organization / entity

Fatemeh (PBUH) College of Nursing and Midwifery
Shiraz University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 71 1725 3794

Email address

zinalzadeh@sums.ac.ir

Recruitment status

Recruitment complete

Funding source

Research office of Shiraz University Of Medical Sciences

Expected recruitment start date

2012-09-22, 1391/07/01

Expected recruitment end date

2013-02-18, 1391/11/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of *Elaeagnus angustifolia* flower capsule to improvement of female sexual desire and sexual hormone in married 18-40 years old .

Public title

The effect of *Elaeagnus angustifolia* flower to improvement of female sexual desire and sexual hormone

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion Criteria: willingness to participate; married woman with age between 18-40; not pregnant; not having breast feeding; No history of heart disease and vascular disease (the patient's medical records); No history of uncontrolled hypertension and hypotension; Not taking any medications that affect sexual function (specially common antidepressant);No history of hypothyroidism and hyperprolactinemia(check with tests). Exclusion criteria:taking hormone pills particularly OCP; taking alcohol or tobacco; history of active peptic

ulcer disease ; history of headaches including migraines;
history of dysparunia or vaginismus.

Age

From **18 years** old to **40 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **84**

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

Ethics committee of Shiraz University Of Medical Sciences

Street address

Central department of Shiraz University Of Medical Sciences,Zand Street, Shiraz

City

Shiraz

Postal code

Approval date

2012-09-13, 1391/06/23

Ethics committee reference number

91-01-33-4439

Health conditions studied

1

Description of health condition studied

Lack or loss of sexual desire

ICD-10 code

F52.0

ICD-10 code description

Lack or loss of sexual desire

Primary outcomes

1

Description

female sexual desire

Timepoint

At the start of intervention- After intervention

Method of measurement

Herlbert Sexual desire Index Questionnaire

2

Description

Sexual satisfaction

Timepoint

At the start of intervention- After intervention

Method of measurement

Enrich marital satisfaction questionnaire

3

Description

Sexual hormons

Timepoint

At the start of intervention- After intervention

Method of measurement

tests

Secondary outcomes

1

Description

improvement of sexual desire

Timepoint

During the study and after completion of it

Method of measurement

During the study and after completion of it

Intervention groups

1

Description

intervention with Elaeagnus angustifolia flower capsule ,
for each person 4.5g in day BID (each 12 hours, 2
capsuls) for 35 days

Category

Treatment - Drugs

2

Description

placebo QID (each 12 hours, 2 tab) for 35 days

Category

Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center

Shiraz Health Center
Full name of responsible person
Street address
City
Shiraz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Vice chancellor for Research, Shiraz University of
Medical Sciences
Full name of responsible person
DR. Gholam Reza Hatam
Street address
7th Flat, Central department of Shiraz University of
Medical Sciences, Zand Street, Shiraz
City
Shiraz
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, 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
Fateme College of Nursing And Midwifery, Shiraz
University of Medical Sciences
Full name of responsible person
Marzieh Akbarzadeh
Position
Faculty Member, MSc in Midwifery
Other areas of specialty/work
Street address
Namazi Square, Shiraz
City
Shiraz
Postal code
Phone
+98 71 1647 4252
Fax
Email
akbarzadehmarzieh@ yahoo.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity
Fateme College of Nursing And Midwifery, Shiraz
University of Medical Sciences
Full name of responsible person
marzieh akbarzadeh
Position
Faculty Member, MSc in Midwifery
Other areas of specialty/work
Street address
Namazi Square, Shiraz
City
Shiraz
Postal code
Phone
+98 71 1647 4252
Fax
Email
akbarzadehmarzieh@ yahoo.com
Web page address

Person responsible for updating data

Contact

Name of organization / entity
Fateme (PBUH) College of Nursing and Midwifery,
Shiraz University of Medical Sciences
Full name of responsible person
Sanaz Zeinalzadeh
Position
Student, MSc in Midwifery
Other areas of specialty/work
Street address
Namazi square, Shiraz
City
Shiraz
Postal code
Phone
+98 71 1647 4252
Fax
Email
zinalzadeh@sums.ac.ir
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