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 hormon in married 18-40 years old .

Protocol summary

Summary

The goal of this study is to aseey the effect of Elaeagnus angustifolia flower capsule on female sexual desire and sexual hormons . In this study have participated 84 married women with age between 18 to 40 years old that have low sexxual desire that are randomly in two groups with Elaeagnus angustifolia flower capsul and control groups .Before and after of intervention, hormonal tests consist of total testestrone-free testestrone and DEHAS are examined. Elaeagnus angustifolia flower capsul 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

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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 hormon in married 18-40 years old .

Public title

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

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 hyperprolactenemia(check with tests). Exclusion criteria:taking hormone pills particulary OCP; taking alchohl 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

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Person responsible for updating data

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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