

Clinical Trial Protocol

Iranian Registry of Clinical Trials

28 Jul 2026

Evaluating the effect of parsnip syrup on sexual function in women with multiple sclerosis: A triple blinded clinical trial

Protocol summary

Registration timing: **prospective**

Summary

The main aim of this study is to determine the effects of Parsnip syrup (a product based on Persian carrot and composed from anise, honey, saffron, dianthus, Green cardamom and Nardosthacys Jatamansi) on sexual function of female multiple sclerosis (MS) patients. Practical purpose of it is to introduce an effective drug with low side effects for treatment of sexual disturbance based on Iranian traditional medicine. Type of study is third phase of triple-blinded randomized clinical trial, one central and controlled with placebo. The study population is selected randomly from the MS patients who referred to traditional medicine clinics of Tehran University of Medical Sciences having sexual disturbance complaint, after filling consent form. The sample size in each group is 34 people. Group A & B Receiving Parsnip syrup or placebo twice a day each time 10 cc respectively. Inclusion criteria: sexually active married female, 18 - 50 years old, definite MS patients, not been in a new attack during the intervention period or recent month. Exclusion criteria: Severe depression, pregnancy, history of skin allergy to Apiaceae family, taking drug for sexual disturbance or anticoagulants, starting the disease modifying drugs within the recent 3 months or suffering from diabetes mellitus. Intervention duration is from Day 1395 to Day 1396 (December 2016- December 2017). Based on valid Persian forms of Multiple Sclerosis Intimacy and Sexuality Questionnaire-19 [MSISQ-19] and Female Sexual Function Index (FSFI) questionnaires sexual disturbances severity will be determined before and after the intervention and possible side effects will be recorded.

Last update:

Update count: **0**

Registration date

2016-11-15, 1395/08/25

Registrant information

Name

Maryam Abasi

Name of organization / entity

Traditional Iranian Medicine, Tehran University of Medical Sciences

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Recruitment status

Recruitment complete

Funding source

Vice Chancellor for Research of Traditional Medicine
Faculty of Tehran University of Medical Sciences

Expected recruitment start date

2016-12-21, 1395/10/01

Expected recruitment end date

2017-12-22, 1396/10/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluating the effect of parsnip syrup on sexual function in women with multiple sclerosis: A triple blinded clinical trial

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016111027013N2**

Registration date: **2016-11-15, 1395/08/25**

Public title

Evaluating the effect of parsnip syrup on sexual function in women with multiple sclerosis.

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Definite diagnosis of multiple sclerosis (MS); married active; No evidence or symptom of new attack of MS; Age between 18 to 50 years; One month after last attack, at least. Exclusion criteria: Severe depression; Pregnancy; History of skin allergy to Apiaceae family (carrot, anise...); Taking drug for sexual disturbance such as serotonergic drugs (citalopram, fluoxetine,...) or sildenafil during or until 2 weeks from the entrance to the study; Starting the disease modifying drugs (such as interferon) within the recent 3 months; Using the energy drinks; Taking the anticoagulant drugs such as warfarin, heparin, low molecular heparins or aspirin; Diabetes mellitus.

Age

From **18 years** old to **50 years** old

Gender

Female

Phase

3

Groups that have been masked

No information

Sample size

Target sample size: **68**

Randomization (investigator's opinion)

Randomized

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

Triple 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 Tehran University of Medical Science

Street address

Tehran University of Medical Science,Poursina Avenue,Qods street,Enqelab street

City

Tehran

Postal code**Approval date**

2016-01-09, 1394/10/19

Ethics committee reference number

IR.TUMS.REC.1394.1584

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

Multiple sclerosis

ICD-10 code

G35

ICD-10 code description

Multiple sclerosis

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

Sexual function

Timepoint

at the begining of drug usage and after 4 weeks of the drug usage

Method of measurement

MSISQ-19 and FSFI Questionare

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

depression severity

Timepoint

at the begining of drug usage

Method of measurement

short form of Beck depression inventory

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

taking oral Parsnip syrup 10 cc, at morning and evening, for 4 weeks

Category

Treatment - Drugs

2**Description**

taking oral placebo syrup 10 cc, at morning and evening, for 4 weeks

Category

Placebo

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

Traditional Iranian Medicine Clinic of Tehran

University of Medical Sciences
Full name of responsible person
Dr Maryam Abbasi
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Person responsible for scientific inquiries

Contact

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Vice Chancellor for research of Traditional Medicine
Faculty of Tehran University of Medical Science
Full name of responsible person
Dr Roja Rahimi
Street address
NO 67, Gity Alley, Vafamanesh Avenue, Heravy
Square, Pasdaran
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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 Traditional Medicine
Faculty of Tehran University of Medical Science
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

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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