Clinical Trial Protocol
Iranian Registry of Clinical Trials

09 Nov 2026

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

Protocol summary

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.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016111027013N2**

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

Registration timing: **prospective**

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

Country

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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

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

Street address
Khark Avenue, Enghelab Street

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Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Vice Chancellor for research of Traditional Medicine Faculity of Tehran University of Medical Scienc

Full name of responsible person
Dr Roja Rahimi

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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 Faculity of Tehran University of Medical Scienc

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
Traditional Iranian medicine clinic of Tehran University of Medical Sciences

Full name of responsible person
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Physicion/ PHD student

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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