Clinical Trial Protocol
Iranian Registry of Clinical Trials

09 Nov 2026

Study Of Subjective Effect Of Stimol (Citrulline Malate) On Sexual Dysfunction In Multiple Sclerosis Patients

Protocol summary

Summary

The aim of this double-blind, randomized, clinical trial study, is to assess the effect of Stimol (Citrulline Malate) on Sexual Dysfunction in Multiple Sclerosis patients. In this study, 50 patients with multiple sclerosis, who suffering from sexual dysfunction refer to the Zanjan neurology clinic are recruited.Patients will rule out for anatomical sexual dysfunction. also patients with Pregnancy and breast feeding will be excluded. For all patients sexual dysfunction standard questionnaire will be completed. Then they are randomly assigned to two 25-member groups.The first group will take 1gram citrulline malate oral solution 3 times a day for 30 days, and the second group will take placebo. After 30 days, for all the participants the questionnaires will be completed again and results will analyzed.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016090629725N1**
Registration date: **2017-04-11, 1396/01/22**
Registration timing: **prospective**

Last update:
Update count: **0**

Registration date

2017-04-11, 1396/01/22

Registrant information

Name

Negar Farhoodi

Name of organization / entity

Zanjan University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

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Email address

penefadi@yahoo.com

Recruitment status

Recruitment complete

Funding source

research center of zanjan university of medical science

Expected recruitment start date

2017-05-01, 1396/02/11

Expected recruitment end date

2017-07-28, 1396/05/06

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Study Of Subjective Effect Of Stimol (Citrulline Malate) On Sexual Dysfunction In Multiple Sclerosis Patients

Public title

Study Of Subjective Effect Of Stimol (Citrulline Malate) On Sexual Dysfunction In Multiple Sclerosis Patients

Purpose

Treatment

Inclusion/Exclusion criteria

inclusion criteria: Patients with multiple sclerosis who have sexual dysfunction; Not using stimol currently.
exclusion criteria: Anatomical sexual dysfunction; Use libido booster drugs; Pregnancy and breast feeding.

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size
Target sample size: **50**

Randomization (investigator's opinion)
Randomized

Randomization description

Blinding (investigator's opinion)
Double blinded

Blinding description

Placebo
Used

Assignment
Parallel

Other design features
For elimination of the possibility of any probable bias due to the knowledge of patients and assessing physicians about the type of treatment we will perform a double blind study. Stimol and placebo will be pack and for this reason patients and assessing physicians do not have any knowledge about the type of treatment. Randomization will be performed by the Randlist software and every patient will be entered in the treatment or placebo groups.

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Ethics committee of Zanjan University of Medical Sciences

Street address
Medical School, Zanjan University of Medical Sciences, Karmandan street, Zanjan

City
Zanjan

Postal code
4515613191

Approval date
2016-04-21, 1395/02/02

Ethics committee reference number
ZUMS.REC.1395.28

Health conditions studied

1

Description of health condition studied
Sexual Dysfunction

ICD-10 code
F52.9

ICD-10 code description
Unspecified Sexual Dysfunction, not Caused by Organic Disorder or Disease

Primary outcomes

1

Description
sexual dysfunction in MS patients

Timepoint
First Day and One Month Later

Method of measurement
IIEF-5 Standard Questionnaire for Men and FSFI Standard Questionnaire for women

Secondary outcomes

empty

Intervention groups

1

Description
25 Patients: Oral Solution Stimol 3 gr per Day For 30 Days

Category
Treatment - Drugs

2

Description
25 Patients: Placebo For 30 Days

Category
Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center
Neurology Clinic Of Valiasr Hospital

Full name of responsible person
Dr. Negar Farhoodi

Street address
Valiasr Hospital, Valiasr Sq, Zanjan

City
Zanjan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Vice Chancellor For Research, Zanjan University of Medical Sciences

Full name of responsible person
Dr.Alireza Shoghli

Street address
Medical School, Zanjan University of Medical Sciences, Karmandan street, Zanjan

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Zanjan

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, Zanjan 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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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