Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 2026

Comparison of the effects of Tamarind seed product (Tamarindus indica L.) with Paroxetine and placebo in treatment of premature ejaculation

Protocol summary

Summary

In this double-blind, placebo-control, randomized clinical trial, the effects of Tamarind seed product on management of premature ejaculation are compare to Paroxetine and placebo. All of the subjects would be enrolled in the study after considering the general state of health, kidney and liver function tests and rejection of erection problems. After random allocation, subjects divided into three groups and each group received Tamarin, Paroxetine 20 mg or placebo. Participants take the drugs for 30 days. All of them record IELT (Intravaginal ejaculation latency time) with a stopwatch two weeks before and during treatment. Mean of IELT in the three last intercourse before and during treatment will be compared. The PEDT (premature ejaculation diagnostic tool) questionnaire will be completed for each participant at the beginning and end of the study.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015051422281N1**
Registration date: **2015-06-23, 1394/04/02**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2015-06-23, 1394/04/02

Registrant information

Name

Abdullah Homayunfar

Name of organization / entity

Shiraz university of medical science

Country

Iran (Islamic Republic of)

Phone

+98 712337589

Email address

homayon1351@irimc.org

Recruitment status

Recruitment complete

Funding source

Shiraz University of Medical Sciences

Expected recruitment start date

2014-12-22, 1393/10/01

Expected recruitment end date

2015-06-21, 1394/03/31

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of the effects of Tamarind seed product (Tamarindus indica L.) with Paroxetine and placebo in treatment of premature ejaculation

Public title

The effects of Tamarind seed product in treatment of premature ejaculation

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Intravaginal ejaculation latency time less than 2 minutes; Monogamy; People who have been married at least for 6 months; Age between 20- 50 years old; PEDT (Premature ejaculation diagnostic test) score more than eight / Exclusion criteria: History of mental or physical disease such diabetes; cardiac disease; liver or kidney disease; addiction to any drugs or substances; Contraindications of taking sSSRI (Selective serotonin re-uptake inhibitors)

Age

From **20 years** old to **50 years** old

Gender
Male

Phase
3

Groups that have been masked
No information

Sample size
Target sample size: **75**

Randomization (investigator's opinion)
Randomized

Randomization description

Blinding (investigator's opinion)
Double 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 Science

Street address
Central building of Shiraz University of Medical Science, Zand St.

City
Shiraz

Postal code
7134814336

Approval date
2015-03-01, 1393/12/10

Ethics committee reference number
CT-9376-7396

Health conditions studied

1

Description of health condition studied
Premature ejaculation

ICD-10 code
F52.4

ICD-10 code description
Premature ejaculation

Primary outcomes

1

Description
Intrvaginal ejaculation latency time

Timepoint
Before and after study

Method of measurement
Stopwatch

Secondary outcomes

1

Description
Premature ejaculation diagnostic test score

Timepoint
Before and after study

Method of measurement
Questionnaire

Intervention groups

1

Description
Paroxetine 20 mg daily for 30 days

Category
Treatment - Drugs

2

Description
Tamarind seed product one cap. daily for 30 days

Category
Treatment - Drugs

3

Description
Placebo one cap. daily for 30 days

Category
Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center
Traditional medicine clinic, Motahhri clinical complex

Full name of responsible person

Street address

City
Shiraz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Shiraz University of Medical Science

Full name of responsible person
Dr. Seyed Basir Hashemi

Street address
Central building of Shiraz University of Medical Science, Zand St.
City
Shiraz
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Shiraz 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
Name of organization / entity
Research center of tradirional medicine and history of medicine
Full name of responsible person
Abdullah Homayunfar
Position
Resident
Other areas of specialty/work
Street address
Research center of tradirional medicine and history of medicine, Medical College, Zand street
City
Shiraz
Postal code
7134845794
Phone
+98 76 3233 7589
Fax
+98 76 3233 8476
Email
homayunfar@sums.ac.ir
Web page address

Person responsible for scientific inquiries

Contact
Name of organization / entity
Medical College
Full name of responsible person
Dr. Ali reza Amin sharifi
Position
Associated Professor of Shiraz University of Medical Sciences
Other areas of specialty/work
Street address
Medical College, Zand street
City
Shiraz
Postal code
Phone
+98 76 3233 1006
Fax
Email
aminsharifi_ar@yahoo.com
Web page address

Person responsible for updating data

Contact
Name of organization / entity
Research Center of Traditional Medicine and History of Medicine
Full name of responsible person
Abdullah Homayunfar
Position
Resident
Other areas of specialty/work
Street address
Research Center of Traditional Medicine and History of Medicine, Medical College, Zand street
City
Shiraz
Postal code
7134845794
Phone
+98 71 3233 7589
Fax
+98 71 3233 8476
Email
homayunfar@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