

Clinical Trial Protocol

Iranian Registry of Clinical Trials

27 Jul 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 compared 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

Intravaginal 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