

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

10 Jun 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 reuptake 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**

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Medical College

**Full name of responsible person**

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Associated Professor of Shiraz University of Medical Sciences

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Research Center of Traditional Medicine and History of Medicine

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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*