

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Evaluating the efficacy of Pasipay drop (Passiflora incarnata) in the treatment of minor depressive disorder

Protocol summary

2020-02-13, 1398/11/24

Study aim

The aim of this study is evaluating the effectiveness of hydroalcoholic extract of passiflora incarnata in the treatment of major depressive disorder.

Design

This is a randomized, double-blind, placebo-controlled clinical trial. The total sample size is 70 patients.

Settings and conduct

This study will be conducted in Emam Reza clinic in Shiraz. This study is triple blinded. Participants, care provider, outcome assessor, and analysts will blind.

Participants/Inclusion and exclusion criteria

Inclusion criteria: patients aged at least 18; non-inclusion: pregnancy; breastfeeding; serious and unstable disease; opium addiction; drug or alcohol abuse or dependency; the history of seizure; patients at risk of suicidal attempt; patients with a history of suicide.

Intervention groups

Patients in the intervention group will receive 40 drops of hydroalcoholic standard extract of passiflora incarnata orally daily for 8 weeks, and placebo group will receive 40 drops of placebo orally daily.

Main outcome variables

Patients will follow at baseline and with 2-week interval up to the 8 weeks using HAM-D 17 questionnaire.

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20141227020441N8**

Registration date: **2020-02-13, 1398/11/24**

Registration timing: **prospective**

Last update: **2020-02-13, 1398/11/24**

Update count: **0**

Registration date

Registrant information

Name

Farzaneh Foroughinia

Name of organization / entity

Shiraz University of Medical Sciences

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Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2020-02-20, 1398/12/01

Expected recruitment end date

2021-02-19, 1399/12/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluating the efficacy of Pasipay drop (Passiflora incarnata) in the treatment of minor depressive disorder.

Public title

The efficacy of Pasipay drop (Passiflora incarnata) in the treatment of minor depressive disorder.

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:

Outpatient depressed patients HAM-D score ≥ 18 , 18 years old or more without other psychiatric disorder. Patients

should not have been received psychotropic medications at least 4 weeks before study entry

Exclusion criteria:
pregnancy planning for pregnancy breastfeeding serious and unstable disease opium addiction drug or alcohol abuse or dependency history of seizure patients at risk of suicidal attempt history of suicide

Age

From **18 years** old

Gender

Both

Phase

3

Groups that have been masked

- Participant
- Care provider
- Outcome assessor
- Data analyser

Sample size

Target sample size: **70**

Randomization (investigator's opinion)

Randomized

Randomization description

Randomization is conducted by the table of random numbers

Blinding (investigator's opinion)

Triple blinded

Blinding description

The triple-blind trial is planned in such a way that the study subjects, observers, and analyzers do not know who is in which group. The patient is identified by a code that is inserted in the envelope, and elsewhere it is clear whether this number is related to the drug or the placebo

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 Sciences

Street address

Vice-Chancellor for Research, Shiraz University of Medical Sciences, Zand blvd., Shiraz, Iran.

City

Shiraz

Province

Fars

Postal code

71345-1978

Approval date

2019-08-31, 1398/06/09

Ethics committee reference number

IR.SUMS.REC.1398.752

Health conditions studied

1

Description of health condition studied

Depression

ICD-10 code

F32.0

ICD-10 code description

Major depressive disorder, single episode, mild

Primary outcomes

1

Description

Score of depression by HAM-D17 questionnaire with score<16

Timepoint

At baseline and at the weeks 2, 4, 6 and 8

Method of measurement

HAM-D17 questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: 30 drops hydroalcoholic extract of passiflora incarnata orally daily for 8 weeks

Category

Treatment - Drugs

2

Description

Control group: 30 drops placebo orally daily for 8 weeks

Category

Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center

Emam Reza clinic

Full name of responsible person

Farzaneh Froughinia

Street address

Emam Reza clinic, Namazi sq, Zand blvd

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Sponsors / Funding sources

1

Sponsor

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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

Shiraz University of Medical Sciences

Proportion provided by this source

100

Public or private sector

Public

Domestic or foreign origin

Domestic

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

Academic

Person responsible for general inquiries

Contact

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Assistant Professor
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Sharing plan

Deidentified Individual Participant Data Set (IPD)

Undecided - It is not yet known if there will be a plan to make this available

Study Protocol

Undecided - It is not yet known if there will be a plan to

make this available

Statistical Analysis Plan

Undecided - It is not yet known if there will be a plan to make this available

Informed Consent Form

Undecided - It is not yet known if there will be a plan to make this available

Clinical Study Report

Undecided - It is not yet known if there will be a plan to make this available

Analytic Code

Undecided - It is not yet known if there will be a plan to make this available

Data Dictionary

Undecided - It is not yet known if there will be a plan to make this available