

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

Investigating the Effect of bupropion on Erectile Dysfunction in Patients on Methadone Maintenance Therapy

Protocol summary

Summary

This survey aimed to assess therapeutic effect of bupropion on Erectile Dysfunction. Design of this survey was a single arm before and after study. 50 people in accordance with inclusion criteria for entry were selected. Subjects were assessed via two questionnaires; one about demographic information and the other about Erectile Dysfunction. people suffering from Erectile Dysfunction were treated with 100mg bupropion. Treatment was continued for 6 weeks. At the end of treatment the erectile dysfunction questionnaire were filled again and patients' response to treatment were evaluated.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138905124501N1**

Registration date: **2010-09-07, 1389/06/16**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2010-09-07, 1389/06/16

Registrant information

Name

Farid Heidary

Name of organization / entity

KUMS

Country

Iran (Islamic Republic of)

Phone

+98 83 1426 5184

Email address

fheidary@kums.ac.ir

Recruitment status

Recruitment complete

Funding source

Kermanshah University of Medical Sciences and Health Services

Expected recruitment start date

2010-08-17, 1389/05/26

Expected recruitment end date

2011-08-11, 1390/05/20

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Investigating the Effect of bupropion on Erectile Dysfunction in Patients on Methadone Maintenance Therapy

Public title

Effect of bupropion on Erectile Dysfunction due to Methadone Maintenance Therapy

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Being treated with Methadone, Erectile Dysfunction caused by Methadone Exclusion criteria: being treated with other drugs causing Erectile Dysfunction, Organic or surgical cause for Erectile Dysfunction, Hperprolactinemia, thyroid dysfunction, Organic causes

Age

No age limit

Gender

Male

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 50

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Single

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Kermanshah University of Medical Sciences and Health Services

Street address

2th building of Kermanshah University, Shahid Beheshti blvd-

City

Kermanshah

Postal code

Approval date

2010-07-13, 1389/04/22

Ethics committee reference number

13947/420/7/پ

Health conditions studied

1

Description of health condition studied

Erectile Dysfunction

ICD-10 code

F52.2

ICD-10 code description

Failure of genital response

Primary outcomes

1

Description

Erectile Dysfunction

Timepoint

Before treatment and 6 weeks after treatment

Method of measurement

Erectile dysfunction questionnaire

Secondary outcomes

1

Description

Adverse Effect of Medication (Convulsion)

Timepoint

1 month

Method of measurement

History & Observation

Intervention groups

1

Description

Tablet Bupropion 100mg daily for 6 weeks

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Substance Dependency Clinic, Faraby Hospital,

Full name of responsible person

Street address

City

Kermanshah

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Kermanshah University of Medical Sciences and Health Services

Full name of responsible person

dr jalal shakeri

Street address

2th bilding of Kermanshah University, Shahid Beheshti blvd.

City

Kermanshah

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Kermanshah University of Medical Sciences and Health Services

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

Phone

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Web page address**Person responsible for general inquiries****Contact****Name of organization / entity**

Faraby Hospital

Full name of responsible person

Dr Farid Heidary

Position

Psychiatry Resident

Other areas of specialty/work**Street address**

Faraby Hospital, Ashaier Blvd.

City

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Faraby Hospital

Full name of responsible person

Dr. Farid Heidari

Position

Psychiatry Resident

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Web page address**Person responsible for scientific inquiries****Contact****Name of organization / entity**

Kermanshah University of Medical Sciences and
Health Services

Full name of responsible person

Dr. Jalal Shakeri

Position

Psychiatrist

Other areas of specialty/work**Street address**

Faraby Hospital, Ashaier Bolva

City

Kermanshah

Postal code**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