Clinical Trial Protocol
Iranian Registry of Clinical Trials

09 Nov 2026

Evaluation The Effect of Bupropion Tablet On Sexual Dysfunction And Quality Of Life In Men With Chronic Kidney Disease

Protocol summary

Summary

The objective of this study is to assess the effect of Bupropion on Sexual Dysfunction and Quality Of Life In men with Chronic Kidney Disease. In this double-blind clinical trial study, 40 men with chronic kidney disease who suffering from sexual dysfunction refer to the Zanjan nephrology clinic are recruited. Patients will rule out for anatomical penile dysfunction, history of prostatectomy and history of priapism. also patients with history of seizure, head trauma and organic brain disease will be excluded. For all patients sexual dysfunction standard questionnaire and quality of life questionnaire (WHOQOL-BREF) will be completed. Personal demographics, anthropometric measurements, and drug history will be also taken. Then they are randomly assigned to two twenty-member groups. The first group will take 100 mg of bupropion tablet for 10 weeks, and the second group will take placebo. After 10 weeks, for all the participants the questionnaires will be completed again and results will analyzed.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017011732012N1**
Registration date: **2017-02-01, 1395/11/13**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2017-02-01, 1395/11/13

Registrant information

Name

Leila Dashtaki

Name of organization / entity

Zanjan University of Medical Sciences

Country

Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Vice Chancellor For Research Zanjan University of Medical Sciences

Expected recruitment start date

2016-09-22, 1395/07/01

Expected recruitment end date

2017-03-21, 1396/01/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation The Effect of Bupropion Tablet On Sexual Dysfunction And Quality Of Life In Men With Chronic Kidney Disease

Public title

Efficacy Of Bupropion Tablet On Sexual Dysfunction And Quality Of Life In Men With Chronic Kidney Disease

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion Criteria: male patients with chronic kidney disease, age between 25-60 years old who have sexual dysfunction from 6 months ago. Exclusion Criteria: Age older than 60 years; Anatomical penile dysfunction; History of prostatectomy; History of priapism; History of seizure; Head trauma; Organic brain disease; Psychosis;

History of alcohol use; Use Monoamino Oxidase inhibitor drugs

Age
From **25 years** old to **60 years** old

Gender
Male

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **40**

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
Zanjan University of Medical Sciences Ethics Committee

Street address
Azadi Square

City
Zanjan

Postal code
4515613191

Approval date
2016-07-09, 1395/04/19

Ethics committee reference number
ZUMS.REC.1395.100

Health conditions studied

1

Description of health condition studied
Sexual Dysfunction

ICD-10 code
N52.9

ICD-10 code description
Male Erectile Dysfunction, Unspecified

Primary outcomes

1

Description
Erectile Dysfunction

Timepoint
First Day and 10 Weeks Later

Method of measurement
IIEF-5 Standard Questionnaire

2

Description
Quality Of Life

Timepoint
First Day and 10 Weeks Later

Method of measurement
Quality of Life Questionnaire (WHOQOL-BREF)

Secondary outcomes

empty

Intervention groups

1

Description
20 Patients: Tablet Bupropion 100mg For 10 Weeks

Category
Treatment - Drugs

2

Description
20 Patients: Placebo For 10 Weeks

Category
Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center
Nephrology Clinic Of Valiasr Hospital

Full name of responsible person
Dr.Leila Dashtaki

Street address
Valiasr Square

City
Zanjan

2

Recruitment center

Name of recruitment center
Nephrology Clinic Of Shahid Beheshti Hospital

Full name of responsible person
Dr.Leila Dashtaki

Street address
Arq Square

City
Zanjan

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Vice Chancellor For Research, Zanjan University of Medical Sciences
Full name of responsible person
Dr.Alireza Shoghli
Street address
Azadi Square
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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
Vice Chancellor For Research, Zanjan University of Medical Sciences
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
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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