

Clinical Trial Protocol

Iranian Registry of Clinical Trials

27 May 2026

Terazosin effect on the treatment of urinary tract obstruction symptoms in women

Protocol summary

Study aim

Determining the effectiveness of treatment with terazosin using IPSS questionnaire before and After treatment

Design

110 people were randomly selected from those who came to the Urology Clinic of Vasei Hospital and private offices with complaints of urinary obstruction symptoms and after Written informed consent was entered into the study. There is no need to blind the samples.

Settings and conduct

For 110 patients with urinary obstruction symptoms, the IPSS questionnaire was completed first before the treatment with terazosin. Then patients are subjected to uroflowmetry and determination of urinary residue. The drug terazosin is prescribed at a dose of 2 mg once a day for 1 month. Then again the IPSS questionnaire is completed by the patients and uroflowmetry is performed for all patients.

Participants/Inclusion and exclusion criteria

Inclusion criteria: All women over 18 years of age who refer to Urology Clinic of Vaesi Hospital or private urology practice with urinary obstruction symptoms. Exclusion criteria: drug side effects such as dizziness or orthostatic hypotension

Intervention groups

For patients with urinary obstruction symptoms, the IPSS questionnaire is first completed before treatment with terazosin. Then patients are subjected to uroflowmetry and determination of urinary residue. The drug terazosin is prescribed at a dose of 2 mg once a day for 1 month. Then again the IPSS questionnaire is completed by the patients and uroflowmetry is performed for all patients. Since all participants are treated with the same drug and with the same dose, there is no need to The samples are not blinded.

Main outcome variables

The average volume of administration and after taking terazosin; Blood flow rate and after taking terazosin

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20221223056903N1**

Registration date: **2023-04-15, 1402/01/26**

Registration timing: **registered_while_recruiting**

Last update: **2023-04-15, 1402/01/26**

Update count: **0**

Registration date

2023-04-15, 1402/01/26

Registrant information

Name

azadeh shakeriasil

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 51 4423 5138

Email address

shakeria94@medsab.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2023-02-20, 1401/12/01

Expected recruitment end date

2023-05-22, 1402/03/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Terazosin effect on the treatment of urinary tract obstruction symptoms in women

Public title

Terazosin effect on the treatment of urinary tract obstruction symptoms in women

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:

All women over the age of 18 years who complain of obstructive symptoms and go to the urology treatment of Vaesi Hospital or a private urology office are included in the study.

Exclusion criteria:

causing drug side effects such as dizziness or orthostatic hypotension
Lack of informed consent to participate in the study

Age

From **18 years** old

Gender

Female

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: **110**

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

Ethics Committee of Sabzevar University of Medical Sciences

Street address

shohadaye gomnam Avenue

City

Sabzevar

Province

Razavi Khorasan

Postal code

9619635989

Approval date

2023-01-04, 1401/10/14

Ethics committee reference number

IR.MEDSAB.REC.1401.087

Health conditions studied

1

Description of health condition studied

Urinary obstruction symptoms in women

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Urinary obstruction symptoms in women

Timepoint

Measuring the average urine volume with uroflowmetry and completing the International Prostate Symptom Scoring Questionnaire (IPSS) at the beginning of the study and one month after taking the drug.

Method of measurement

Uroflowmetry and International Prostate Symptom Scoring Questionnaire (IPSS) questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: A total of 110 people were randomly selected from those who referred to the Urology Clinic of Vasi Hospital and private practices with complaints of urinary obstruction symptoms and were included in the study after obtaining written informed consent. For all women referring with urinary obstruction symptoms, International scoring of symptoms prostate (IPSS) is completed first before treatment with terazosin. Then patients are subjected to uroflowmetry and determination of urinary residue. The drug terazosin is prescribed at a dose of 2 mg once a day for 1 month. Then the IPSS questionnaire is completed again by the patients, and uroflowmetry and urinary residual determination are performed for all patients. Then again the International scoring of symptoms prostate (IPSS) questionnaire by Takil patients. Uroflowmetry and determination of urinary residue are performed for all patients. Since all participants are treated with the same drug and with the same dosage (i.e. terazosin 2 mg once a day for one month), there is no need to. The samples are not blinded.

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Vasai Hospital of Urology Clinic

Full name of responsible person

azade shakeriasil

Street address

shohadaye gomnam Avenue

City

sabzevar

Province

Razavi Khorasan

Postal code

9619635989

Phone

+98 51 4401 1000

Fax

+98 51 4401 1000

Email

shakeriA94@medsab.ac.ir

Web page address

<https://www.medsab.ac.ir/indexb742.html?siteid=1&keyid=&siteid=1&pageid=8530>

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Sabzevar University of Medical Sciences

Full name of responsible person

Dr. Mohammad Hossein Saqi

Street address

shohadaye gomnam avenue

City

Sabzevar

Province

Razavi Khorasan

Postal code

9619635989

Phone

+98 51 4401 1000

Fax

+98 51 4401 1000

Email

info@medsab.ac.ir

Web page address

<https://medsab.ac.ir>

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Sabzevar 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

Name of organization / entity

Sabzevar University of Medical Sciences

Full name of responsible person

Azadeh Shakeriasil

Position

Student

Latest degree

A Level or less

Other areas of specialty/work

General Practitioner

Street address

Janat western

City

Sabzevar

Province

Razavi Khorasan

Postal code

9619635989

Phone

+98 51 4423 5138

Fax

Email

shakeriA94@medsab.ac.ir

Person responsible for scientific inquiries

Contact

Name of organization / entity

Sabzevar University of Medical Sciences

Full name of responsible person

Hamidreza baghaniaval

Position

Associate Professor

Latest degree

Specialist

Other areas of specialty/work

Urology

Street address

Janat western

City

Sabzevar

Province

Razavi Khorasan

Postal code

9619635989

Phone

+98 51 4423 5138

Fax

Email

shakeriA94@medsab.ac.ir

Person responsible for updating data

Contact

Name of organization / entity

Sabzevar University of Medical Sciences

Full name of responsible person

Azadeh Shakeriasil

Position

Student

Latest degree

A Level or less

Other areas of specialty/work

General Practitioner

Street address

Janat western

City

Sabzevar

Province

Razavi Khorasan

Postal code

9619635989

Phone

+98 51 4423 5138

Fax

Email

shakeriA94@medsab.ac.ir

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