Clinical Trial Protocol
Iranian Registry of Clinical Trials

18 Sep 2026

Study Of Therapeutic Effect Of Desmopressin In The Treatment Of Nocturia In The Patients Who Refeered To Urology Ward Of 501 I.R.I Army Hospital

Protocol summary

Summary

The purpose of this double blind randomized clinical trial was to study about therapeutic effect of desmopressin in the treatment of nocturia comparing with placebo. A total of 60 men with nocturia were recruited and randomly assigned to receive desmopressin 0.1mg orally at bedtime or placebo 0.1mg orally at bedtime for 8 weeks. Nocturnal voiding frequency and adverse effects were measured and compared between groups. Primary outcome was nocturnal voiding frequency and secondary outcome was drug adverse effects.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201010234989N1**
Registration date: **2011-03-15, 1389/12/24**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2011-03-15, 1389/12/24

Registrant information

Name

Bijan Rezakhaniha

Name of organization / entity

I.R.I Army University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 21 2255 7435

Email address

bi_rezakhaniha@armyums.ac.ir

Recruitment status

Recruitment complete

Funding source

I.R.I Army University of Medical Sciences

Expected recruitment start date

2009-04-04, 1388/01/15

Expected recruitment end date

2011-04-04, 1390/01/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Study Of Therapeutic Effect Of Desmopressin In The Treatment Of Nocturia In The Patients Who Refeered To Urology Ward Of 501 I.R.I Army Hospital

Public title

Study Of Therapeutic Effect Of Desmopressin In The Treatment Of Nocturia In The Patients Who Referred To Urology Ward Of 501 I.R.I Army Hospital

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Nocturnal voiding at least 2 times or more Exclusin criteria: Drug noncompliance, uncontrolled diabetes mellitus, decompensated heart failure, Neurogenic bladder, Diabetes insipidus

Age

No age limit

Gender

Male

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **60**

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

I.R.I Army University of Medical Sciences

Street address

I.R.I Army University of Medical Sciences, Etemad Zade Street, West Fatemi Street

City

Tehran

Postal code

Approval date

2009-02-19, 1387/12/01

Ethics committee reference number

1545

Health conditions studied

1

Description of health condition studied

Nocturia

ICD-10 code

R35

ICD-10 code description

Nocturia

Primary outcomes

1

Description

Nocturnal Voiding Frequency

Timepoint

Before intervention, 4 weeks after intervention, 8 weeks after intervention

Method of measurement

Interview with patient

Secondary outcomes

1

Description

Drug Adverse Effects

Timepoint

Before intervention, 4 weeks after intervention, 8 weeks after intervention

Method of measurement

Interview with patient

Intervention groups

1

Description

Intervention Group: Desmopressin, 0.1mg, orally, at bed time for 8 weeks

Category

Treatment - Drugs

2

Description

Control Group: Placebo, 0.1mg, orally, at bed time for 8 weeks

Category

Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center

Urology Ward Of 501 I.R.I Army Hospital

Full name of responsible person

Dr Bijan Rezakhaniha

Street address

501 I.R.I Army Hospital, Etemad Zade Street, West Fatemi Street

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

I.R.I Army University of Medical Sciences

Full name of responsible person

Dr Bijan Rezakhaniha

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I.R.I Army University of Medical Sciences, Etemad Zade Street, West Fatemi Street

City

Tehran

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
I.R.I Army 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