Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Jun 2026

Evaluation of therapeutic effect of long acting testosterone ampule in Patients with androgen deficiency syndrome presented at urology clinics of Ahwaz.

Protocol summary

Summary

Objective: Evaluation of therapeutic effect of testosterone ampoule in Patients with androgen deficiency syndrome presented at urology clinics of Ahwaz. Methods: 24 patients above 40 years referred from the urology clinic with symptoms of sexual dysfunction recruited in this study. They were assessed with screening questionnaire (ADAM), detecting androgen deficiency syndrome, testosterone level was measured. If Testosterone level was below 6ng/ml, serum levels of PSA and cholesterol , Triglyceride ,HDL, LDL, and FBS andHbA1C and 2Hpp were requested. All eligible patients divided into two groups randomly: First group received four injection (testosterone enanthate 250mg) with two-week interval and the second one were three injections(testosterone enanthate 250mg) at 3-week intervals was done and finally after two months of the first visit patients was followed up again and lab tests were measured repeatedly.

General information

Acronym

″ADAMS″ ’androgen deficiency in aging male

IRCT registration information

IRCT registration number: **IRCT201104236258N1**
Registration date: **2011-05-22, 1390/03/01**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2011-05-22, 1390/03/01

Registrant information

Name

Naser Abaszade

Name of organization / entity

Ahwaz University of Medical Sciences

Country

Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Department of Research & Technology, Ahwaz JundiShapur University of medical sciences

Expected recruitment start date

2010-05-25, 1389/03/04

Expected recruitment end date

2010-11-21, 1389/08/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation of therapeutic effect of long acting testosterone ampule in Patients with androgen deficiency syndrome presented at urology clinics of Ahwaz.

Public title

Effect of testosterone on androgen deficiency

Purpose

Treatment

Inclusion/Exclusion criteria

inclusion criteria:Symptoms of androgen deficiency;Below normal rang of testosterone;age over 40 years exclusion criteria:

Age

From **40 years** old

Gender

Male

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **24**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Single blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics Committee Of Ahwaz JundiShapur University of medical sciences

Street address

Department of Research & Technology, Ahwaz JundiShapur University of medical sciences, Golestan Boulevard., Ahwaz, Khuzestan, Iran

City

Ahwaz

Postal code

61357-15794

Approval date

2011-01-08, 1389/10/18

Ethics committee reference number

Eth-061

Health conditions studied

1

Description of health condition studied

Androgen deficiency syndrome

ICD-10 code

E29.1

ICD-10 code description

Testicular hypogonadism NOS

Primary outcomes

1

Description

Erectile dysfunction, Sex Frequency

Timepoint

Baseline , 2 months after the first injection

Method of measurement

International Index of Erectile Function Questionnaire

2

Description

Fasting Blood Sugar -2hour post prandial-HemoglobinA1c

Timepoint

Baseline , 2 months after the first injection

Method of measurement

FBS(mg/dl), 2hPP(mg/dl), HbA1C(%)

3

Description

Cholesterol, Triglyceride , High Density Lipoprotein, Low Density Lipoprotein

Timepoint

Baseline , 2 months after the first injection

Method of measurement

mg/dl

4

Description

Blood pressure

Timepoint

Baseline , 2 months after the first injection

Method of measurement

mmhg

Secondary outcomes

1

Description

Lower urinary tract symptom

Timepoint

Baseline , 2 months after the first injection

Method of measurement

International Prostate Symptom Score

2

Description

Depression, Sleep disorders, Fatigue

Timepoint

Baseline , 2 months after the first injection

Method of measurement

BECK QUESTIONNAIR

Intervention groups

1

Description

Control group: three intramusculare injection of Enanthate testosterone 250MG with three-week intervals

Category

Treatment - Drugs

2

Description

Intervention group: four intramuscular injection of Enanthate testosterone 250 mg with two-week intervals

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Golestan Hospital

Full name of responsible person

abdolhosein javadneia

Street address

Department of Urology, Golestan hospital, Ahwaz JundiShapur University of medical sciences, Golestan Boulevard., Ahwaz, Khuzestan, Iran

City

Ahwaz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Department of Research & Technology, Ahwaz JundiShapur University of medical sciences

Full name of responsible person

DR.MOSTAFA FEGHHI

Street address

Department of Research & Technology, Ahwaz JundiShapur University of medical sciences, Golestan Boulevard, Ahwaz, Khuzestan, Iran

City

Ahwaz

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Department of Research & Technology, Ahwaz JundiShapur 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

Ahwaz JundiShapur University of medical sciences

Full name of responsible person

Naser Abaszade, MD

Position

resident of Urology

Other areas of specialty/work

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Assistant Professor

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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