

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Effect of topical finasteride on treatment of patients with androgenic alopecia

Protocol summary

Summary

Our aim in this study is to evaluate the impact of topical finasteride on the treatment of androgenic alopecia. In a randomized, non-blinded, unicentral clinical trial, 58 patients from both genders with androgenic alopecia referring to the dermatology clinics of Sina hospital, Tabriz, Iran, will be evaluated. The key inclusion criteria is to have androgenic alopecia and key exclusion criteria are to be pregnant; to have non-androgenic alopecia in other regions of the body. All of the patients would be treated with topical finasteride solution for a 12-month period once a day. Type of androgenic alopecia, number of lost hair obtained from a hair loss test and mean hair diameter will be measured before and 3, 6, 9 and 12 months after the initiation of the treatment. Obtained values will be recorded and evaluated.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201202048917N1**

Registration date: **2012-03-10, 1390/12/20**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2012-03-10, 1390/12/20

Registrant information

Name

Javad Shokri

Name of organization / entity

Faculty of Pharmacy, Tabriz University of Medical Sciences

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Recruitment status

Recruitment complete

Funding source

Tabriz University of Medical Sciences

Expected recruitment start date

2011-06-30, 1390/04/09

Expected recruitment end date

2012-03-30, 1391/01/11

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of topical finasteride on treatment of patients with androgenic alopecia

Public title

The impact of topical finasteride on male-pattern baldness

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criterion: (to have androgenic alopecia of any type) Exclusion criteria: (to be pregnant; to have non-androgenic alopecia in other regions of the body; to have signs of allergy to finasteride)

Age

No age limit

Gender

Both

Phase

1-2

Groups that have been masked

No information

Sample size

Target sample size: 58

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 Tabriz University of Medical Sciences

Street address

Vice chancellor for research, Tabriz Medical University, Daneshgah square

City

Tabriz

Postal code

Approval date

2009-04-09, 1388/01/20

Ethics committee reference number

87/1-2/14

Health conditions studied

1

Description of health condition studied

Androgenic alopecia

ICD-10 code

L64

ICD-10 code description

Androgenic alopecia

Primary outcomes

1

Description

Number of lost hair

Timepoint

Before the initiation of the treatment and 3, 6, 9 and 12 month after the initiation of the treatment

Method of measurement

Using hair loss test

2

Description

Hair diameter

Timepoint

Before the initiation of the treatment and 3, 6, 9 and 12 month after the initiation of the treatment

Method of measurement

Using a micrometer under a microscope

3

Description

Type of androgenic alopecia

Timepoint

Before the initiation of the treatment and 3, 6, 9 and 12 month after the initiation of the treatment

Method of measurement

Based on protocol

Secondary outcomes

empty

Intervention groups

1

Description

Administration of topical finasteride 2% solution for all the patients for a 12-month period to be used on the skulp skin with hair loss once each night.

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Dermatology clinics of Sina hospital

Full name of responsible person

Street address

City

Tabriz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tabriz University of Medical Sciences

Full name of responsible person

Alireza Ostad Rahimi

Street address

Vice chancellor for research, Tabriz Medical University, Daneshgah square

City

Tabriz

Grant name

Grant code / Reference number**Is the source of funding the same sponsor organization/entity?***Yes***Title of funding source***Tabriz 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***Tabriz Medical University***Full name of responsible person***Javad Shokri***Position***Pharmaceutics, associate professor***Other areas of specialty/work****Street address***Faculty of Pharmacology, Tabriz Medical University***City***Tabriz***Postal code****Phone***+98 41 1337 2583***Fax****Email***shokri.j@gmail.com***Web page address****Person responsible for scientific inquiries****Contact****Name of organization / entity***Tabriz Medical University***Full name of responsible person***Javad Shokri***Position***Pharmaceutics, Associate professor***Other areas of specialty/work****Street address***Faculty of Pharmacology, Tabriz Medical University***City***Tabriz***Postal code****Phone***+98 41 1337 2583***Fax****Email***shokri.j@gmail.com***Web page address****Person responsible for updating data****Contact****Name of organization / entity***Tabriz Medical University***Full name of responsible person***Javad shori***Position***Pharmaceutics, associate professor***Other areas of specialty/work****Street address****City****Postal code****Phone****Fax****Email***shokri.j@gmail.com***Web page address****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*