

Clinical Trial Protocol

Iranian Registry of Clinical Trials

11 Jun 2026

Evaluation of efficacy and safety of Exicilia topical serum(bimatoprost 0.03) for improvement of eyebrow hypotrichosis

Protocol summary

Study aim

Evaluation of efficacy and safety of Exicilia topical serum(Bimatoprost 0.03) for improvement of eyebrow hypotrichosis

Design

This is a phase II, single arm, before after, study with 22 sample size. The study is not blinded and randomized.

Settings and conduct

The study will be performed in center for research and training in skin Diseases & Leprosy. 22 volunteers will be enrolled to the study after signing consent form. Volunteers will be used topical Exicilia serum (containing 0.03% bimatoprost) for 16 weeks and then will be evaluated clinically by a dermatologist according to GEBA scoring and trichoscan measurement.

Participants/Inclusion and exclusion criteria

Inclusion criteria: Aged between 18 to 60 years, eyebrow hypotrichosis in grade 1 or 2 (GEBA Score), Signing consent form Exclusion criteria: Having alopecia areata, permanent tattoos, moles, scars or any damage to the eyebrows that interferes with assessments, fillers injection in the eyebrow area in the past year, eyebrow extensions in the last 3 months, pregnancy and lactation

Intervention groups

intervention group: 16 weeks treatment with topical Exicilia serum (containing 0.03% bimatoprost) manufactured by Cinagen company, once daily

Main outcome variables

Percentage of people with one grade or more improvement in GEBA scale

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20150101020514N9**

Registration date: **2020-08-24, 1399/06/03**

Registration timing: **registered_while_recruiting**

Last update: **2020-08-24, 1399/06/03**

Update count: **0**

Registration date

2020-08-24, 1399/06/03

Registrant information

Name

Alireza Firooz

Name of organization / entity

Tehran University of Medical Science

Country

Iran (Islamic Republic of)

Phone

+98 21 8897 8190

Email address

firozali@tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2020-08-22, 1399/06/01

Expected recruitment end date

2021-02-19, 1399/12/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation of efficacy and safety of Exicilia topical serum(bimatoprost 0.03) for improvement of eyebrow hypotrichosis

Public title

Evaluation of efficacy of Exicilia topical serum in eyebrow hypotrichosis

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:

Aged between 18 to 60 years eyebrow hypotrichosis grade 1 or 2 according to GEBA Scoring Signing consent form

Exclusion criteria:

Having alopecia areata Permanent tattoos, moles, scars or any damage to the eyebrows that interferes with assessments fillers injection in the eyebrow area in the past year Eyebrow extensions in the last 3 months Pregnancy and lactation

Age

From **18 years** old to **60 years** old

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: **22**

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 Tehran University of Medical Sciences

Street address

Room 105 , 5th floor, Central construction of Tehran University of Medical Sciences, Ghods intersection, Keshavarz blvd.

City

Tehran

Province

Tehran

Postal code

1417653761

Approval date

2020-08-04, 1399/05/14

Ethics committee reference number

IR.TUMS.MEDICINE.REC.1399.279

Health conditions studied

1

Description of health condition studied

hypotrichosis

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Percentage of people with one grade or more improvement in GEBA scale

Timepoint

Before intervention and 8 and 16 weeks after intervention.

Method of measurement

Scoring eyebrow thickness using digital photos based on Allergan Global Eyebrow assessment (GEBA)

Secondary outcomes

1

Description

Patient satisfaction from treatment

Timepoint

16 and 24 weeks after intervention

Method of measurement

Using a 6-point Likert scale

2

Description

Comparison of eyebrow hair count

Timepoint

Before intervention and 16 and 24 weeks after intervention

Method of measurement

Trichoscan

Intervention groups

1

Description

Intervention group: 16 weeks treatment using topical Exicilia serum (containing 0.03% bimatoprost) manufactured by CinnaGen company, once daily

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Center for Research and Training in Skin Diseases & Leprosy Tehran University of Medical Sciences

Full name of responsible person

Alireza Firooz

Street address

No 415- Taleghani Avenue

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Postal code

1416613675

Phone

+98 21 8897 8190

Email

dermalab@tums.ac.ir

Full name of responsible person

Aniseh Samadi

Position

lab manager

Latest degree

Medical doctor

Other areas of specialty/work

General Practitioner

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No 415, Taleqani avenue.

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Email

aniseh_samadi@yahoo.com

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

CinnaGen Co.

Full name of responsible person

Hale Hamedifar

Street address

No.2 , 7thSt., Simaye Iran St., Shahrak Gharb

City

Tehran

Province

Tehran

Postal code

1467635165

Phone

+98 21 4291 5000

Email

cinnagen@cinnagen.com

Grant name

Grant code / Reference number

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

Yes

Title of funding source

CinnaGen Co.

Proportion provided by this source

100

Public or private sector

Private

Domestic or foreign origin

Domestic

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

Industry

Person responsible for general inquiries

Contact

Name of organization / entity

Tehran University of Medical Sciences

Person responsible for scientific inquiries

Contact

Name of organization / entity

Tehran University of Medical Sciences

Full name of responsible person

Alireza Firooz

Position

Dermatologist

Latest degree

Subspecialist

Other areas of specialty/work

Dermatology

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crtsdl_head@tums.ac.ir

Person responsible for updating data

Contact

Name of organization / entity

Tehran University of Medical Sciences

Full name of responsible person

Maryam Ahmadi

Position

Research Expert

Latest degree

Master

Other areas of specialty/work

clinical trials

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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

No - There is not a plan to make this available

Statistical Analysis Plan

Not applicable

Informed Consent Form

No - There is not 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

Not applicable

Data Dictionary

Not applicable