

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Efficacy of Intense Pulsed Light Source in treatment of hirsutism

Protocol summary

Summary

To investigate the effects of the Intense Pulsed light source (IPLS) in Hirsutism remedy. Population study: 37 patients in a private clinic in Birjand, Iran. Inclusion criteria: the women referring to a private surgery for Hirsutism treatment with IPLS. Exclusion criteria: a precedent of the use of any laser method of hair removal on the treating area. For the implementation of this study a square of 1*1 cm on the dense region of the face treating area with a certain distance of the anatomical indexes on that area is chosen and the number of hairs on that surface will be counted. Then patients will be treated by IPLS device. Five sessions will be hold on the basis of every four to six weeks and the patient will be assessed again for the number of hairs after the final session. Meanwhile at every meeting the patient will be assessed for the probable side effects such as erythma.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138904024244N1**

Registration date: **2010-07-23, 1389/05/01**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2010-07-23, 1389/05/01

Registrant information

Name

Reza Ghaderi

Name of organization / entity

Birjand University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 56 1444 5402

Email address

ghaderi@bums.ac.ir

Recruitment status

Recruitment complete

Funding source

Birjand University of Medical Sciences

Expected recruitment start date

2010-07-23, 1389/05/01

Expected recruitment end date

2010-10-23, 1389/08/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Efficacy of Intense Pulsed Light Source in treatment of hirsutism

Public title

Efficacy of Intense Pulsed Light Source in treatment of hirsutism

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: the women referring to a private clinic for Hirsutism treatment with IPLS. Exclusion criteria: 1- a precedent of the use of any laser method of hair removal on the treating area 2- the existence of infection or scar on the treating area 3-A record of the use of accutane within last year.

Age

No age limit

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 37

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

Birjand University of Medical Sciences

Street address

Birjand University of Medical Sciences

City

Birjand

Postal code

Approval date

2010-06-28, 1389/04/07

Ethics committee reference number

556

Health conditions studied

1

Description of health condition studied

Hirsutism

ICD-10 code

L68.0

ICD-10 code description

Hirsutism

Primary outcomes

1

Description

The number of follicles of the hair

Timepoint

One month after the final session

Method of measurement

Hair follicle counting

Secondary outcomes

empty

Intervention groups

1

Description

Facial hair reduction using Intense Pulsed Light Source

Category

Treatment - Devices

Recruitment centers

1

Recruitment center

Name of recruitment center

Dr. Ghaderi Skin Private Clinic

Full name of responsible person

Street address

City

Birjand

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Birjand University Of Medical Sciences

Full name of responsible person

Vice Chancellor for Research

Street address

Birjand University of Medical Sciences

City

Birjand

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Birjand 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

Birjand University of Medical Sciences

Full name of responsible person

Dr Reza Ghaderi

Position

Associate Professor of Dermatology

Other areas of specialty/work

Street address

Valiasr hospital

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Person responsible for scientific inquiries

Contact

Name of organization / entity

Birjand University of Medical Sciences

Full name of responsible person

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Position

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Person responsible for updating data

Contact

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Full name of responsible person

Sanaz Homayounfar

Position

Medical Student

Other areas of specialty/work

Street address

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City

Birjand

Postal code

Phone

Fax

Email

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