

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

Comparison between the effects of Daivonex cream alone or together with narrowband ultra violet B on treatment of psoriasis

Protocol summary

Summary

Our aim in this study is to compare the effects of Daivonex cream alone or together with narrow-band ultra violet B on treatment of psoriasis. In a randomized clinical trial, 94 patients from both genders with mild psoriasis and referring to dermatology ward of Sina Hospital, Tabriz, Iran, will be randomly treated with Daivonex cream alone or Daivonex together with narrow-band ultraviolet B. Main inclusion criteria are; to have psoriasis with involved body surface area less than 10% and not to have another systemic disease. Main exclusion criteria are pregnancy and lactating. In Daivonex group patients will be asked to apply 0.5 mg of the cream on a palm-sized surface of the body twice a day and in Daivonex plus ultraviolet group patients will be treated using a phototherapy device, Dermopal 800 Davlin, USA, for 33 seconds twice a week with primary energy of 0.2 Joules per square centimeter; plus, patients in the later group will be similarly treated with Daivonex and in the phototherapy days cream will be applied after phototherapy. All the individuals will be examined and compared for recovery in terms of erythema, scaling and lesion thickness before the treatment and 4, 8 and 12 weeks after the initiation of the treatment.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138903294207N1**

Registration date: **2013-11-07, 1392/08/16**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2013-11-07, 1392/08/16

Registrant information

Name

Shahla Babainejad

Name of organization / entity

Tabriz University of Medical Sciences

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Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Tabriz University of Medical Sciences

Expected recruitment start date

2013-05-06, 1392/02/16

Expected recruitment end date

2013-11-06, 1392/08/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison between the effects of Daivonex cream alone or together with narrowband ultra violet B on treatment of psoriasis

Public title

Effects of Vit D3 and ultraviolet on the treatment of psoriasis

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: (to have psoriasis with involved body surface area less than 10%; not to have photo-

sensitivity; not to have another systemic disease; and not to have skin malignancies) Exclusion criteria: (pregnancy and lactating; having a positive drug history within the last month)

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **94**

Randomization (investigator's opinion)

N/A

Randomization description**Blinding (investigator's opinion)**

Not 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 Tabriz University of Medical Sciences

Street address

Tabriz University of Medical Sciences, Daneshgah Sq.

City

Tabriz

Postal code**Approval date**

2013-05-05, 1392/02/15

Ethics committee reference number

9245

Health conditions studied**1****Description of health condition studied**

Psoriasis

ICD-10 code

L40

ICD-10 code description

Psoriasis

Primary outcomes**1****Description**

Erythema

Timepoint

Before the initiation of the treatment and 4, 8 and 12 weeks after the initiation of the treatment.

Method of measurement

By physical examination

2**Description**

Scaling

Timepoint

Before the initiation of the treatment and 4, 8 and 12 weeks after the initiation of the treatment.

Method of measurement

By physical examination

3**Description**

Lesion thickness

Timepoint

Before the initiation of the treatment and 4, 8 and 12 weeks after the initiation of the treatment.

Method of measurement

By physical examination

Secondary outcomes

empty

Intervention groups**1****Description**

In Daivonex group patients will be asked to apply 0.5 mg of the cream on a palm-sized surface of the body twice a day for three months.

Category

Treatment - Drugs

2**Description**

In Daivonex plus ultraviolet group patients will be treated using a phototherapy device, Dermopal 800 Davlin, USA, for 33 seconds twice a week with primary energy of 0.2 Joules per square centimeter for three months; plus, patients in the later group will be similarly treated with Daivonex and in the phototherapy days cream will be applied after phototherapy.

Category

Treatment - Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Dermatology Clinic of Sina Hospital

Full name of responsible person

Abolfazl Ezzati

Street address

Dermatology ward, Sina Hospital, Azadi Ave.

City

Tabriz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research, Tabriz University of Medical Sciences

Full name of responsible person

AliReza Ostad Rahimi

Street address

Vice chancellor for research, Tabriz University of Medical Sciences, Daneshgah Avenue, 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

Vice chancellor for research, 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 University of Medical Sciences

Full name of responsible person

Abolfazl Ezzati

Position

Resident of Dermatology

Other areas of specialty/work

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Person responsible for scientific inquiries

Contact

Name of organization / entity

Tabriz University of Medical Sciences

Full name of responsible person

Shahla Babainejad

Position

Dermatologist/Associate professor

Other areas of specialty/work

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Person responsible for updating data

Contact

Name of organization / entity

Tabriz University of Medical Sciences

Full name of responsible person

Mehdi Hemmati

Position

General physician

Other areas of specialty/work

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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