Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 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, Dermapal 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

Country

Iran (Islamic Republic of)

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+98 41 1336 4652

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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, Dermapal 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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Dermatology ward, Sina Hospital, Azadi Ave.
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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
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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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Emam Reza Hospital, Daneshgah Ave.
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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