

Clinical Trial Protocol

Iranian Registry of Clinical Trials

08 Jun 2026

Effect of topical treatments of psoriasis with ointment Fluocinolon 0.125% and lotion Betamethasone 0.05% on the level of IL-17 in patients with psoriasis: a before-after clinical trial

Protocol summary

Summary

Objectives: To assess the effect topical treatments of psoriasis with ointment Fluocinolon 0.125% and lotion Betamethasone 0.05% on the level of IL-17 in patients with psoriasis. Design: A before-after clinical trial. Setting and conduct: The eligible patients with psoriasis who will refer to farshchian Hospital during the study period will be enrolled into the trial. Inclusion criteria: Having psoriatic lesions. Exclusion criteria: (a) pregnancy or breastfeeding; (b) using local or systemic corticosteroid during the past 3 months; (c) history of autoimmune or inflammatory disease. Intervention group: Ointment Fluocinolon 0.125% for lesions of trunk and limbs and lotion Betamethasone 0.05% for scalp lesions very night for one month. Control group: there is no comparison group. The intervention group will be compared before and after intervention. Primary outcome: Measuring the level of IL-17 before treatment and 4 weeks after treatment using laboratory test. Secondary outcome: Nothing. Randomization: This is a before after trial without randomization. Blinding: Not possible.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201606289014N104**
Registration date: **2016-07-05, 1395/04/15**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2016-07-05, 1395/04/15

Registrant information

Name

Jalal Poorolajal

Name of organization / entity

Department of Epidemiology & Biostatistics Hamadan
University of Medical Sciences

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Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Vice-chancellor for Research the Technology, Hamadan
University of Medical Sciences

Expected recruitment start date

2016-05-14, 1395/02/25

Expected recruitment end date

2017-05-15, 1396/02/25

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of topical treatments of psoriasis with ointment Fluocinolon 0.125% and lotion Betamethasone 0.05% on the level of IL-17 in patients with psoriasis: a before-after clinical trial

Public title

Effect of topical treatments of psoriasis with ointment Fluocinolon 0.125% and lotion Betamethasone 0.05% on the level of IL-17 in patients with psoriasis

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Having psoriatic lesions. Exclusion criteria: (a) pregnancy or breastfeeding; (b) using local or systemic corticosteroid during the past 3 months; (c) history of autoimmune or inflammatory disease.

Age

No age limit

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: 60

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Single

Other design features

Randomization: This is a before after trial without randomization. Blinding: Not possible.

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics Committee of Hamadan University of Medical Sciences

Street address

Vice-chancellor for Research the Technology,
Hamadan University of Medical Sciences, Shahid
Fahmideh Ave

City

Hamadan

Postal code

6517838695

Approval date

2016-04-23, 1395/02/04

Ethics committee reference number

IR.UMSHA.REC.1395.62

Health conditions studied

1

Description of health condition studied

Psoriasis

ICD-10 code

L40

ICD-10 code description

Psoriasis

Primary outcomes

1

Description

Measuring the level of IL-17

Timepoint

before treatment and 4 weeks after treatment

Method of measurement

using laboratory test

Secondary outcomes

1

Description

Nothing

Timepoint

Nothing

Method of measurement

Nothing

Intervention groups

1

Description

Ointment Fluocinolon 0.125% for lesions of trunk and limbs and lotion Betamethasone 0.05% for scalp lesions very night for one month

Category

Treatment - Drugs

2

Description

there is no comparison group. The intervention group will be compared before and after intervention.

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Farshchian Hospital

Full name of responsible person

Dr Fariba Shadfar

Street address

Farshchian Hospital, Mirzadeh Eshghi Ave.

City

Hamadan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice-chancellor for Research the Technology,
Hamadan University of Medical Sciences

Full name of responsible person

Dr Saeid Bashirian

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Hamadan University of Medical Sciences, Shahid
Fahmideh Ave

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Hamadan

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 the Technology, Hamadan
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**

Farshchian Hospital

Full name of responsible person

Dr Fariba Shadfar

Position

Resident of Dermatology

Other areas of specialty/work**Street address**

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Person responsible for scientific inquiries

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Position

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Person responsible for updating data

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Full name of responsible person

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Position

Associate Professor

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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