

Clinical Trial Protocol

Iranian Registry of Clinical Trials

27 Jul 2026

Sertaconazole 2% cream versus hydrocortisone 1% cream in the treatment of seborrheic dermatitis

Protocol summary

Summary

Objectives: To compare the efficacy of sertaconazole 2% cream versus hydrocortisone 1% cream in the treatment of seborrheic dermatitis Design: Clinical trial study Setting and conduct: Randomized clinical trial study Participants including major eligibility criteria: Sixty patients with seborrheic dermatitis (SD) were studied Intervention: Thirty patients received topical sertaconazole 2% cream and were recommended to use the cream twice a day for 4 weeks. In the control group, 30 patients received hydrocortisone 1% cream and were recommended to use the cream twice a day for 4 weeks. Main outcome measures: At the start of the study and also 2 and 4 weeks after first visit, the patients were examined by a dermatologist for signs of improvement and control of clinical symptoms.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201310185605N2**
Registration date: **2014-01-16, 1392/10/26**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2014-01-16, 1392/10/26

Registrant information

Name

MOHAMAD GOLDUST

Name of organization / entity

Tabriz University of medical sciences

Country

Iran (Islamic Republic of)

Phone

+98 41133614711

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medres@tbzmed.ac.ir

Recruitment status

Recruitment complete

Funding source

Investigator

Expected recruitment start date

2012-08-23, 1391/06/02

Expected recruitment end date

2013-02-20, 1391/12/02

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Sertaconazole 2% cream versus hydrocortisone 1% cream in the treatment of seborrheic dermatitis

Public title

Sertaconazole 2% cream versus hydrocortisone 1% cream in the treatment of seborrheic dermatitis

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Sixty patients with seborrheic dermatitis (SD) were studied. Patients who had taken oral corticosteroids; retinoids; antihistamines; or immune-modulating drugs within 28 days before study entry were excluded.

Age

No age limit

Gender

Both

Phase

3

Groups that have been masked

No information

Sample size

Target sample size: 60

Randomization (investigator's opinion)

Randomized

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**

Ethic committee of Tabriz university of medical sciences

Street address

5166614711, University street, Tabriz, Iran

City

Tabriz

Postal code**Approval date**

2011-08-20, 1390/05/29

Ethics committee reference number

9098

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

Seborrheic dermatitis

ICD-10 code

L21

ICD-10 code description

Seborrheic dermatitis

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

Seborrheic index

Timepoint

2 weeks

Method of measurement

Clinical assesment

Secondary outcomes

empty

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

In the case group thirty patients received topical sertaconazole 2% cream and were recommended to use the cream twice a day for 4 weeks.

Category

Treatment - Drugs

2**Description**

In the control group, 30 patients received hydrocortisone 1% cream and were recommended to use the cream twice a day for 4 weeks.

Category

Treatment - Drugs

Recruitment centers**1****Recruitment center****Name of recruitment center**

Department of dermatology, Sina hospital

Full name of responsible person

Dr Mehdi Amirnia

Street address

5166614711, Azadi street, Tabriz, Iran

City

Tabriz

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Tabriz university of medical sciences

Full name of responsible person

Ali Meshkini

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5166614711, University street, Tabriz, Iran

City

Tabriz

Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

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

Mohamad Goldust Jouybari

Position

Medical student

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

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Web page address**Person responsible for scientific inquiries****Contact****Name of organization / entity**

Tabriz university of medical sciences

Full name of responsible person

Dr Mohammad Reza Ranjkesh

Position

Assistant professor in dermatology

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Web page address**Person responsible for updating data****Contact****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*