Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 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

Email address

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 entery 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
Street address
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
5166614711, University street, Tabriz, Iran
City
Tabriz
Postal code
Phone
+98 41 1545 2206
Fax
Email
Drmgoldust@yahoo.com
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
Other areas of specialty/work
Street address
5166614711, Azadi street, Tabriz, Iran
City
Tabriz
Postal code
Phone
+98 41 1545 2206
Fax
Email
Mranjkesh@Razi.tums.ac.ir
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