Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 2026

The comparison of Lindane1% solution versus Permethrine5% in treatment of Scabies

Protocol summary

Summary

Objectives: The aim of this study is the comparison of Lindane1% solution versus Permethrine5% in treatment of scabies. Design: Randomized clinical trial. Setting and Conduct: We study 40 patients with Scabies referring to Tabriz Sina hospital in the form of two equal groups. Patients will randomly be assigned into two equal groups, We use Lindane 1% solution for one group and Permethrine5% cream for the other group, the treatment response will be evaluated and compared in two groups 2 and 4 weeks after the treatment. Participants including major eligibility criteria: Patients with Scabies at the age range of 2 to 80 years will be enrolled into the study . Pregnant and lactating women, patients with history of seizure of systemic diseases will be excluded. Intervention: After randomly assigning into two groups we use Lindane1% solution for one group and Permethrine5% cream for the other group. Main outcome measures (variables): Number of lesions and nocturnal itching.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013081212125N1**
Registration date: **2013-09-14, 1392/06/23**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2013-09-14, 1392/06/23

Registrant information

Name

Hassan Mohammadi

Name of organization / entity

Tabriz University of Medical Sciences and Health services

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Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Tabriz University of Medical Sciences

Expected recruitment start date

2011-08-23, 1390/06/01

Expected recruitment end date

2012-08-22, 1391/06/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The comparison of Lindane1% solution versus Permethrine5% in treatment of Scabies

Public title

Scabies, comparison of Lindane1% vs. Permethrin 5%

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: 1-Scabies disease; 2-Consent for research; 3-Being at the age between 2-80 years. Exclusion criteria: 1-Pregnant and lactating women; 2-Patients with history of seizure; 3-Patients with systemic diseases.

Age

From **2 years** old to **80 years** old

Gender
Both

Phase
2-3
Groups that have been masked
No information
Sample size
Target sample size: **40**
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
Ethics committee of Tabriz University of medical sciences and health services
Street address
Central office of Tabriz university of medical sciences, Golgasht street, Azadi street.
City
Tabriz
Postal code
5165687386
Approval date
2012-01-16, 1390/10/26
Ethics committee reference number
90105

Health conditions studied

1

Description of health condition studied
Scabies
ICD-10 code
B86
ICD-10 code description
Sarcoptic itch

Primary outcomes

1

Description
Number of Scabies skin lesions
Timepoint
2 and 4 weeks after the drug therapy
Method of measurement
With photography of lesions and their counting

Secondary outcomes

1

Description
Nocturnal itching
Timepoint
2 and 4 weeks after drug therapy
Method of measurement
Asking the patients

Intervention groups

1

Description
Intervention group: The drug therapy will be done using Permethrine5% cream.
Category
Treatment - Drugs

2

Description
Control group: The drug therapy will be done with Lindane1% solution.
Category
Treatment - Drugs

Recruitment centers

1

Recruitment center
Name of recruitment center
Tabriz Sina Hospital
Full name of responsible person
Dr.Farideh Golforushan
Street address
Tabriz Sina Hospital, Azadi Street, Tabriz
City
Tabriz

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Vice Chancellor for Reserach, Tabriz University of Medical Sciences
Full name of responsible person
Seyed Kazem Shakouri
Street address
Vice Chancellor for Research, Tabriz University of Medical Sciences and Health Services, Azadi Street,

Golgasht Street, Tabriz

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 Reserach, 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 Faculty of Medicine, Tabriz University of Medical Sciences

Full name of responsible person

Dr.Farideh Golforushan

Position

Dermatologist, Associate Proffessor

Other areas of specialty/work

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Person responsible for scientific inquiries

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Dermatologist, Associate Professor

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Person responsible for updating data

Contact

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Resident of pediatrics

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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