

Clinical Trial Protocol

Iranian Registry of Clinical Trials

11 Sep 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 Golphorushan

Street address

Tabriz Sina Hospital, Azadi Street, Tabriz

City

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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

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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

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Person responsible for updating data

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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