

Clinical Trial Protocol

Iranian Registry of Clinical Trials

27 May 2026

Comparison of oral terbinafin and griseofulvin in the treatment of tinea capitis

Protocol summary

Summary

The objective of this randomized, trial is comparing the treatment effects and complications of oral terbinafin and griseofulvin in 50 patients suffering from tinea capitis. In this study, patients presented with tinea capitis and documented by KOH or culture were included in study. Patients with Pregnancy:infantile: breastfeeding: sensitivity to terbinafin and griseofulvin and previous treatment with antifungal drugs were excluded from the study. After taking the written informed consent, demographic and clinical data were recorded in a questionnaire. In one group of patients, treatment with oral griseofulvin 10 mg/kg and in another group,treatment with oral terbinafin 5 mg/kg was prescribed for 1 month. Patients were followed up for outcome and probable complications at the end of the second week and first and second month. Finally,the treatment outcomes including cure rate and complications such as persistent infection and recurrence were compared by appropriate statistical test in two groups.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201704056403N8**
Registration date: **2017-11-12, 1396/08/21**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2017-11-12, 1396/08/21

Registrant information

Name

Hossein Kavoussi

Name of organization / entity

Kermanshah University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 83 1837 5424

Email address

hkawosi@kums.ac.ir

Recruitment status

Recruitment complete

Funding source

Kermanshah University of medical sciences

Expected recruitment start date

2017-09-10, 1396/06/19

Expected recruitment end date

2018-02-20, 1396/12/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of oral terbinafin and griseofulvin in the treatment of tinea capitis

Public title

Treatment of tinea capitis by oral terbinafin and griseofulvin

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Tinea documented by laboratory assessment Exclusion criteria: Pregnancy: infancy, breastfeeding: sensitivity to terbinafin and griseofulvin: previous treatment with antifungal drugs

Age

From **2 years** old to **70 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 50

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Double blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

1

Registry name

NO

Secondary trial Id

NO

Registration date

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics Committee of Kermanshah University of
Medical Sciences

Street address

Shahid Beheshty Blvd

City

Kermanshah

Postal code

Approval date

2016-11-23, 1395/09/03

Ethics committee reference number

KUMS.REC.1395.512

Health conditions studied

1

Description of health condition studied

Tinea capitis

ICD-10 code

L00-L99

ICD-10 code description

B35-B49

Primary outcomes

1

Description

Treatment of tinea capitis

Timepoint

The end of 2th week, 1th, 2th and 3th months

Method of measurement

clinical observation and laboratory assesment

Secondary outcomes

1

Description

Recurrence

Timepoint

The end 1 week, 1th, 2th and 3th months

Method of measurement

Clinical observation and labratory assesmsnt

2

Description

Permanent hair loss

Timepoint

The end 1 week, 1th, 2th and 3th months

Method of measurement

Clinical observation

Intervention groups

1

Description

In one group treatment with oral grisorfulvin In other
group treatment with oral terbinafin

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Hajdaie clinic

Full name of responsible person

Hossein Kavoussi

Street address

Golestan blvd

City

Kermanshah

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice Chancellor for research of Kermanshah
University of Medical Sciences

Full name of responsible person

Dr Behrouz Hamzeh

Street address

Department of Vice Chancellor for reaserch and technology,Shahid Beheshty Blvd

City

Kermanshah

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 of Kermanshah 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

Kermanshah University of Medical Sciences

Full name of responsible person

Dr Hossein Kavoussi

Position

Associate Professour

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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