

Clinical Trial Protocol

Iranian Registry of Clinical Trials

13 Jul 2026

Turmeric tonic in the management of scalp psoriasis

Protocol summary

Summary

The aim of this randomized, double-blinded, placebo controlled study is to evaluate the effect of curcumin tonic on scalp psoriasis. Forty patients who fulfill the inclusion criteria were randomly divided into two groups. The case group received the curcumin tonic twice a day for 9 weeks, while the other group received the placebo. Patients were evaluated baseline and on weeks 3, 6 and 9. The Dermatology quality of Life (DQOL) questionnaire and PASI (psoriasis area and severity index) scores as well as medical photos before, during and after treatment were used to evaluate the outcomes. Probable adverse effects were recorded and declared.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201604183106N30**

Registration date: **2016-11-10, 1395/08/20**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-11-10, 1395/08/20

Registrant information

Name

Farshad Hashemian

Name of organization / entity

Pharmaceutical Sciences Branch, Islamic Azad University (IAU)

Country

Iran (Islamic Republic of)

Phone

+98 21 2260 0037

Email address

hashemian.f@iaups.ac.ir

Recruitment status

Recruitment complete

Funding source

Islamic Azad University

Expected recruitment start date

2015-12-30, 1394/10/09

Expected recruitment end date

2016-08-21, 1395/05/31

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Turmeric tonic in the management of scalp psoriasis

Public title

Turmeric tonic in the management of scalp psoriasis; a clinical double blind, placebo controlled evaluation

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Definitive diagnosis of mild to moderate scalp psoriasis; Patient age 18-75 with no limitation in gender; Lack of infections or malignancies on scalp skin; Two weeks Wash out period topical and one month systemic anti psoriasis treatment; Patient agreement to participate in the clinical trial Exclusion criteria: Pregnancy; Lactation; Allergy or irritation to any component of formulation

Age

From **18 years** old to **75 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **40**
Randomization (investigator's opinion)
Randomized
Randomization description
Blinding (investigator's opinion)
Double blinded
Blinding description
Placebo
Used
Assignment
Parallel
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Islamic Azad University Pharmaceutical Sciences
branch

Street address

No1, Yakhchal street, Dr Shariati avenue, Tehran, Iran

City

Tehran

Postal code

1941933111

Approval date

2015-09-15, 1394/06/24

Ethics committee reference number

IR.IAU.PS.REC.1394.19

Health conditions studied

1

Description of health condition studied

Psoriasis

ICD-10 code

L40

ICD-10 code description

Psoriasis

Primary outcomes

1

Description

Redness

Timepoint

Week 0 (baseline), week 3 , 6 , 9 to complete the follow
up

Method of measurement

1.Psoriasis questionnaire 2.Psoriasis quality of life
questionnaire 3. photography: before, during and
aftertreatment 4. PASI calculator

2

Description

Thickness

Timepoint

Week 0 (baseline), week 3 , 6 , 9 to complete the follow
up

Method of measurement

1.Psoriasis questionnaire 2.Psoriasis quality of life
questionnaire 3. photography: before, during and after
treatment 4. PASI calculator

3

Description

Scaling

Timepoint

Week 0 (baseline), week 3 , 6 , 9 to complete the follow
up

Method of measurement

1.Psoriasis questionnaire 2.Psoriasis quality of life
questionnaire 3. photography: before, during and after
treatment 4. PASI calculator

4

Description

Involved area

Timepoint

Week 0 (baseline), week 3 , 6 , 9 to complete the follow
up

Method of measurement

1.Psoriasis questionnaire 2.Psoriasis quality of life
questionnaire 3. photography: before, during and after
treatment 4. PASI calculator

5

Description

PASI score

Timepoint

Week 0 (baseline), week 3 , 6 , 9 to complete the follow
up

Method of measurement

PASI calculator

6

Description

Photography

Timepoint

Week 0 (baseline), week 3 , 6 , 9 to complete the follow
up

Method of measurement

photography: before, during and after treatment

Secondary outcomes

1

Description

Reported side effects (systemic and local)

Timepoint

Patients were given a telephone number to call during treatment. Patient could report any side effects as well as during follow up, all the way through the treatment and after completion.

Method of measurement

Patients were given a telephone number to call during treatment. Patient could report any side effects as well as during followup, all the way through the treatment and after completion.

Intervention groups

1

Description

Apply Curcumin tonic topcally twice a day for 9 weeks.

Category

Treatment - Drugs

2

Description

Apply placebo topically twice a day for 9 weeks

Category

Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center

Skin and Stem Cell Research Center

Full name of responsible person

Dr Parvin Mansouri

Street address

Number 4 , Maryam dead end, Kamraniyeh Blvd,
Tehran, Iran

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Islamic Azad University Pharmaceutical branch and
Self supported

Full name of responsible person

Dr Sepideh Arbabi Bidgoli

Street address

No1 , Yakhchal street, Dr Shariati avenue, Tehran,
Iran

City

Tehran

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Islamic Azad University Pharmaceutical branch and Self supported

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

Islamic Azad University Pharmaceutical Sciences
branch

Full name of responsible person

Dr Mehdi Rajabi

Position

Assistant professor, clinical pharmacy expert

Other areas of specialty/work

Street address

No1, Yakhchal street, D Shariati avenue, Tehran, Iran

City

Tehran

Postal code

1941933111

Phone

+98 21 2264 0051

Fax

Email

mehdirj@aol.co.uk

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Islamic Azad University Pharmaceutical Sciences
branch

Full name of responsible person

Dr Mehdi Rajabi

Position

Assistant professor, clinical pharmacy expert

Other areas of specialty/work

Street address

No1, Yakhchal street, D Shariati avenue, Tehran, Iran

City

Tehran

Postal code

1941933111

Phone

+98 21 2264 0051

Fax

Email

mehdirj@aol.co.uk

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Islamic Azad University Pharmaceutical Sciences
branch

Full name of responsible person

Parichehr Bahraini

Position

Student

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

No1, Yakhchal street, D Shariati avenue, Tehran, Iran

City

Tehran

Postal code

1941933111

Phone

+98 21 2264 0051

Fax**Email**

p.bahraini.pharma@gmail.com

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