Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 2026

Comparing effect of standard treatment with turmeric pomade on healing of diabetic foot ulcers

Protocol summary

Summary

The aim of this randomized double blind trial is to compare the effect of standard treatment with turmeric pomade on healing of diabetic foot ulcer. In this study, 50 diabetic patients having inclusion criteria will be randomly placed in the intervention or control group. The patients in the intervention group will receive turmeric, one applicator daily for a year. The patients in the control group, however, will receive placebo in a similar dose and shape. To evaluate response to treatment, we will consider the grade and diameter of the wound.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201012315513N1**
Registration date: **2011-10-09, 1390/07/17**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2011-10-09, 1390/07/17

Registrant information

Name
Rahman Khosravi
Name of organization / entity
Tabriz University of Medical Sciences
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Iran (Islamic Republic of)
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+98 41 1544 1336
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khosravir@tbzmed.ac.ir

Recruitment status

Recruitment complete

Funding source

Tabriz University of Medical Sciences

Expected recruitment start date

2010-06-22, 1389/04/01

Expected recruitment end date

2011-06-22, 1390/04/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparing effect of standard treatment with turmeric pomade on healing of diabetic foot ulcers

Public title

Comparing effect of standard treatment with turmeric pomade on healing of diabetic foot ulcers

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion Criteria: Diabetes types 1 and 2 under insulin therapy; Age between 18-75 years old; Open wound without healing under treatment for more than 2 weeks without response Exclusion Criteria: Severe heart failure; Cardiac arrhythmia; Pulselessness; Conditions preventing wound healing such as cellulitis, renal failure and dialysis patients, Severe hepatic failure, Immunosuppressive therapy, Radiotherapy, chemotherapy, varicose

Age

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

Gender

Both

Phase

2-3

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
Used

Assignment
Other

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Tabriz University of Medical Sciences

Street address
Tabriz University of Medical Sciences, Golgasht Street, Tabriz, IRAN

City
Tabriz

Postal code
5166614756

Approval date
2011-06-18, 1390/03/28

Ethics committee reference number
5/4/2445

Health conditions studied

1

Description of health condition studied
Diabetes Mellitus

ICD-10 code
E10, E11,

ICD-10 code description
Insulin-dependent diabetes mellitus, Non-insulin-dependent diabetes mellitus, Malnutrition-related diabetes mellitus, Other specified diabetes mellitus, Unspecified diabetes mellitus

Primary outcomes

1

Description
Wound healing

Timepoint
Over a year

Method of measurement
Decline of wound grade (Wound depth reduction)

Secondary outcomes

empty

Intervention groups

1

Description
An applicator of Turmeric pomade, daily for a year

Category
Treatment - Drugs

2

Description
An applicator of placebo pomade, daily for a year

Category
Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center
Sina educational and therapeutic Hospital

Full name of responsible person
Dr. Hemmat Maghsoudi

Street address
Sina Hostpital, Azadi Street, Tabriz, IRAN

City
Tabriz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Sina Hospital

Full name of responsible person
Dr. Hemmat Maghsoodi

Street address
Sina Hospital, Azadi 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
Sina Hospital

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

Dr. Hemmat Maghsoudi

Position

General surgeon, Professor

Other areas of specialty/work

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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