

Clinical Trial Protocol

Iranian Registry of Clinical Trials

31 May 2026

Comparing the effect of olive oil and honey on the healing of diabetic foot ulcer in patients with type 2 diabetes

Protocol summary

Summary

Objectives: comparing the effect of olive oil and honey on the healing of diabetic foot ulcer in patients with type 2 diabetes. Design: This Study will be a Clinical Trial. Sixty (60) patients with type 2 diabetes selected by a purposive sampling and randomly will be divide into two experimental and one control groups. Major Inclusion and Exclusion criteria: at least 9 months history of type 2 diabetes; having a diabetic wound grade 1 and 2; having 20-60 years old Exclusion criteria will be include history of sensitivity to the Olive and Honey; suffering from kidney and liver disease Intervention: "Intervention group1: received topical olive oil in addition to routine cares". routine cares will include the ulcers was irrigated and cleaned sterile normal saline solution every day and after making dry was dressed with sterile gauze. "Intervention group2: received topical honey in addition to routine cares". "Control group: patients did not receive any special treatment by the investigator and the samples of control group had received routine care". main outcome measures :diabetic foot ulcer will be measured before the intervention and every weeks up to four weeks after the intervention.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016082928017N3**
Registration date: **2016-09-05, 1395/06/15**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2016-09-05, 1395/06/15

Registrant information

Name

Mohammad Behnammoghadam

Name of organization / entity

Yasuj University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 74 3322 5041

Email address

m.behnammoghadam@yums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Yasooj University of Medical Sciences

Expected recruitment start date

2016-08-18, 1395/05/28

Expected recruitment end date

2018-02-06, 1396/11/17

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparing the effect of olive oil and honey on the healing of diabetic foot ulcer in patients with type 2 diabetes

Public title

Comparing the effect of olive oil and honey on the healing of diabetic foot ulcer

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: at least 9 months history of type 2 diabetes; having a diabetic wound grade 1 and 2; having 20-60 years old exclusion criteria: history of sensitivity to

the Olive and Honey; lack of any kidney and liver disease

Age

From **20 years** old to **60 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **60**

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 Yasuj University of Medical Sciences

Street address

Shahid Motahari Blvd, Yasuj

City

Yasuj

Postal code

Approval date

2016-08-14, 1395/05/24

Ethics committee reference number

IR.YUMS.REC.1395.80

Health conditions studied

1

Description of health condition studied

diabetes

ICD-10 code

E10.7

ICD-10 code description

Insulin-dependent diabetes mellitus with multiple complications

Primary outcomes

1

Description

Healing of diabetic foot ulcers

Timepoint

Weekly

Method of measurement

Based on diabetic foot ulcers check list

Secondary outcomes

empty

Intervention groups

1

Description

"Intervention group1: received topical olive oil in addition to routine cares".

Category

Treatment - Other

2

Description

"Intervention group2: received topical honey in addition to routine cares".

Category

Treatment - Other

3

Description

"Control group: patients did not receive any special treatment by the investigator and the samples of control group had received routine care

Category

Treatment - Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Shahid Mofateh Medical Clinic of Yasuj

Full name of responsible person

Mohammad Behnammoghadam, Master of Critical Care Nursing

Street address

Montazeri Street, Yasuj

City

Yasuj

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice Chancellor for research of Yasuj University of

Medical Sciences

Full name of responsible person

Dr. Mousavi

Street address

Shahid Motahari Blvd, Yasuj

City

Yasuj

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 Yasuj 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

Yasuj University Of Medical Sciences

Full name of responsible person

Mohammad behnammoghadam

Position

MSc

Other areas of specialty/work

Street address

Yasuj University Of Medical Sciences

City

Yasuj

Postal code

Phone

+98 74 3322 5041

Fax

Email

mbehnam1363@gmail.com;
mbehnammoghadam@yahoo.com
mbehnam1363@gmail.com;

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Yasuj University Of Medical Sciences

Full name of responsible person

Mohammad behnammoghadam

Position

MSc

Other areas of specialty/work

Street address

Bagher Khan Blvd, Yasuj

City

Yasuj

Postal code

Phone

+98 74 3322 5041

Fax

Email

mbehnam1363@gmail.com;
mbehnammoghadam@yahoo.com

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Yasuj University of Medical Sciences

Full name of responsible person

Mohammad Behnammoghadam

Position

Msc

Other areas of specialty/work

Street address

Shahid Motahari Blvd, Yasuj

City

Yasuj

Postal code

7591959497

Phone

+98 74 3322 5041

Fax

Email

mbehnammoghadam@yahoo.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