

# 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

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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*