

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

02 Jun 2026

### The effect of dressing with aloe vera gel (aloe vera) in the treatment of patients with diabetic foot ulcers

#### Protocol summary

Vice chancellor for research, Yasuj University of Medical Sciences

#### Summary

This study aimed to determine the effect of aloe Vera gel in the treatment of diabetic foot ulcers. 40 patients selected randomly and were divided into two groups, intervention and control. Inclusion criteria are Informed consent; having diabetic foot ulcer (class 1); and exclusion criteria are Lack of compliance; patient withdrawal. Diabetic foot wound dressing made with aloe Vera gel. Changes in the size of the wound and healing time is measured and compared with the control group.

#### Expected recruitment start date

2014-03-21, 1393/01/01

#### Expected recruitment end date

2015-09-21, 1394/06/30

#### Actual recruitment start date

empty

#### Actual recruitment end date

empty

#### Trial completion date

empty

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT2015100922438N2**

Registration date: **2016-07-19, 1395/04/29**

Registration timing: **retrospective**

Last update:

Update count: **0**

##### Registration date

2016-07-19, 1395/04/29

##### Registrant information

###### Name

salimeh Ranjbar

###### Name of organization / entity

Peymanieh Hospital

###### Country

Iran (Islamic Republic of)

###### Phone

+98 917 791 6422

###### Email address

s.ranjbar@jahromccpp.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

#### Scientific title

The effect of dressing with aloe vera gel (aloe vera) in the treatment of patients with diabetic foot ulcers

#### Public title

The effect of Aloe Vera gel in the treatment of diabetic foot ulcers

#### Purpose

Treatment

#### Inclusion/Exclusion criteria

Inclusion criteria: Informed consent; having diabetic foot ulcer (class 1); Exclusion criteria: Lack of compliance; patient withdrawal or any problem disturbing study

#### Age

No age limit

#### 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)

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 Boulevard, Yasuj University of Medical Sciences  
**City**  
Yasuj  
**Postal code**  
**Approval date**  
2014-03-16, 1392/12/25  
**Ethics committee reference number**  
9201202502

## Health conditions studied

### 1

#### Description of health condition studied

diabetic foot ulcer  
**ICD-10 code**  
e14  
**ICD-10 code description**  
Unspecified diabetes mellitus

## Primary outcomes

### 1

**Description**  
wound size  
**Timepoint**  
daily  
**Method of measurement**  
Mm strip

## Secondary outcomes

### 1

**Description**  
healing time  
**Timepoint**  
end of intervention

## Method of measurement

in days

## Intervention groups

### 1

#### Description

Intervention group: The patient receiving the standard antibiotic treatment. aloe Vera gel is used on wounds after washing with normal saline

#### Category

Treatment - Drugs

### 2

#### Description

Control group: The patient receiving the standard antibiotic treatment. The wounds is washing and dressing with normal saline.

#### Category

Treatment - Drugs

## Recruitment centers

### 1

#### Recruitment center

**Name of recruitment center**  
Peymaniye Hospital  
**Full name of responsible person**  
SalimehRanjbar  
**Street address**  
Peymaniye Hospital, Vali Asr Street, Jahrom, Jahrom  
**City**  
Jahrom

## Sponsors / Funding sources

### 1

#### Sponsor

**Name of organization / entity**  
Vice Chancellor Of Research, Yasuj University of Medical Sciences  
**Full name of responsible person**  
Dr Nazafarin Hosseini  
**Street address**  
Vice Chancellor for Research, Yasuj University of Medical Sciences, Shahid Motahary Boulevard, 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 Of Research, 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*

**City**

Yasuj

**Postal code****Phone**

+98 74 1223 4115

**Fax****Email**

hosseinichenar@yahoo.com

**Web page address****Person responsible for general inquiries****Contact****Name of organization / entity**

Yasuj University of Medical Sciences

**Full name of responsible person**

Salimeh Ranjbar

**Position**

Ms Student

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

School of Nursing and Midwifery, Third Floor, Campus of Yasuj University of Medical Science, next to Imam Sajjad Hospital, Yasuj

**City**

Yasuj

**Postal code****Phone**

+98 71 5433 9732

**Fax****Email**

salimehr@gmail.com

**Web page address****Person responsible for updating data****Contact****Name of organization / entity**

Yasuj University of Medical Science

**Full name of responsible person**

Salimeh Ranjbar

**Position**

MS Student

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

School of Nursing and Midwifery, Third Floor, Campus of Yasuj University of Medical Science, next to Imam Sajjad Hospital, Yasuj

**City**

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**Postal code****Phone**

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**Fax****Email**

salimehr@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**

Dr Nazafarin Hosseini

**Position**

Ph.D of Nursing

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

School of Nursing and Midwifery, Third Floor, Campus of Yasuj University of Medical Science, next to Imam Sajjad Hospital, Yasuj

**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*