

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 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

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salimehr@gmail.com

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

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Full name of responsible person

Salimeh Ranjbar

Position

MS Student

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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