Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 2026

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

Protocol summary

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.

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
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Name of organization / entity
Peymanieh Hospital
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Recruitment status
Recruitment complete
Funding source
Vice chancellor for research, Yasuj University of Medical Sciences

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

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

Person responsible for general inquiries

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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