

Clinical Trial Protocol

Iranian Registry of Clinical Trials

28 Sep 2026

A Randomized trial of aloe vera cream versus silver sulfadiazine in the treatment of partial thickness burns

Protocol summary

Summary

After obtaining the permission from the ethical committee at Mazandaran University of Medical Sciences ,this clinical trial carried out in Zare hospital in Sari. Patient with second degree burn included in this study with similar depth and burned surface area in two different side of the body . One side of body was treated with aloe cream (group A) and the opposite side was treated with silver sulfadiazine (group B).A group of 30 patients were enrolled in this study . Two sides were evaluated and compared in terms of wound burn size and healing time at the end of study.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138706111168N1**
Registration date: **2008-10-26, 1387/08/05**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2008-10-26, 1387/08/05

Registrant information

Name

Ghasemali Khorasani

Name of organization / entity

Mazandaran University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 32 57230

Email address

rct@mazums.ac.ir

Recruitment status

Recruitment complete

Funding source

mazandran university of medical sciences(vic-chancellor for research)

Expected recruitment start date

2006-09-23, 1385/07/01

Expected recruitment end date

2008-09-22, 1387/07/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

A Randomized trial of aloe vera cream versus silver sulfadiazine in the treatment of partial thickness burns

Public title

aloe vera effect in treatment of burn

Purpose

Treatment

Inclusion/Exclusion criteria

inclusion criteria: patient with the similar burned surface in two different side of body exclusion criteria: patient with one and three degree burned surface in one part of body

Age

From **12 years** old to **90 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **30**

Randomization (investigator's opinion)

Randomized

Randomization description
Blinding (investigator's opinion)
Double blinded
Blinding description
Placebo
Not used
Assignment
Parallel
Other design features

Secondary Ids

1
Registry name
Secondary trial Id
Registration date
2017-11-21, 1396/08/30

Ethics committees

1
Ethics committee
Name of ethics committee
Mazandran University of Medical Sciences(vice-chancellor for research)
Street address
Moalem square
City
Sari
Postal code
4817844718
Approval date
empty
Ethics committee reference number
85-56

Health conditions studied

1
Description of health condition studied
Burn
ICD-10 code
ICD-10 code description

Primary outcomes

1
Description
wound size
Timepoint
each 2 days
Method of measurement
diameter Cm2

Secondary outcomes

1
Description
healing time
Timepoint
each 2 days
Method of measurement
percouage of reducing wound size

Intervention groups

1
Description
intervention: a part of burned patients whll be treated with aleo cream . control: a part of burned patients will be treated with silversulfadizine
Category
empty

Recruitment centers

1
Recruitment center
Name of recruitment center
Burn ward of Zare hospital
Full name of responsible person
Street address
10th kilometer , Neka road
City
Sari

Sponsors / Funding sources

1
Sponsor
Name of organization / entity
Mazandaran University of Medical Sciences
Full name of responsible person
Dr Ghasemali Khorasani
Street address
Emam square- Vali-asr Boulevard
City
Sari
Grant name
30121
Grant code / Reference number
10506
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Mazandaran 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
Mazandaran University of Medical Sciences(vice-chancellor for research)
Full name of responsible person
Ravanbakhsh Esmaeeli
Position
Master of Science (Nursing)
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Person responsible for scientific inquiries

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Person responsible for updating data

Contact

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Mazandaran University of Medical Sciences
Full name of responsible person
Zahra Foroughi
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BA on Medical Information Science
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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