

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Sep 2026

Comparison of second degree burns healing time in two methods of dressing by Fundermol herbal ointment and %1 Silver sulfadiazine ointment

Protocol summary

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Summary

This study was performed to assess and compare 2 degree burn's healing time in two methods of dressing by Fundermol herbal ointment and %1 Silver sulfadiazine ointment in 50 patients of Imam Mousa Kazem hospital in Isfahan. The patients, aged 2-60 years old, with burning wounds area between 1-10% of body surface were randomly assigned into intervention or control group to receive wound dressing with Fundermol or Silver Sulfadiazine 1%, daily, until complete wound healing. The time to healing was measured and compared between groups.

Recruitment status

Recruitment complete

Funding source

Vice chancellor Research, Isfahan University of Medical Sciences and Health Services

Expected recruitment start date

2007-09-23, 1386/07/01

Expected recruitment end date

2008-01-21, 1386/11/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201012275477N1**

Registration date: **2011-03-08, 1389/12/17**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2011-03-08, 1389/12/17

Registrant information

Name

Mohammad Heidari

Name of organization / entity

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Email address

Scientific title

Comparison of second degree burns healing time in two methods of dressing by Fundermol herbal ointment and %1 Silver sulfadiazine ointment

Public title

Comparison of Second degree burns healing time in two methods of dressing by Fundermol (Alpha) herbal ointment and %1 Silver sulfadiazine ointment in Imam Mousa Kazem hospital 2008

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion Criteria: age 2-60 years, burn only in contact with heat resource or hot fluids, burn area between 1-10% according to Land-Browder table, less than 6 hours passed from burning occurrence, normal Hb level, normal total protein level, second degree burn, burn on body and/or extremities, no wound infection Exclusion Criteria: presence of underlying diseases such as anemia, diabetes, cardiovascular disease, malignancy

and immune insufficiency, Burn wound damage during care, need to consumption of immune supportive drugs, corticosteroids or chemotherapy, failure to cooperation, pregnancy, presence of trauma

Age

From **2 years** old to **60 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **50**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Single blinded

Blinding description

Placebo

Not used

Assignment

Other

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Isfahan University of Medical Sciences and Health Services

Street address

Research vice chancellor, Isfahan University of Medical Sciences and Health Services, Hezarjarib street, Isfahan

City

Isfahan City

Postal code

Approval date

2007-09-13, 1386/06/22

Ethics committee reference number

387027

Health conditions studied

1

Description of health condition studied

Burn

ICD-10 code

T29.2

ICD-10 code description

Burns of multiple regions, no more than second-degree burns mentioned

Primary outcomes

1

Description

Second Degree Burns Healing Sore

Timepoint

Daily Inspection of Reveal Complete Recovery Burn Sore

Method of measurement

Daily Inspection of Reveal Complete Recovery Burn Sore

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: 1mm of Fundermol ointment was rubbed on the wound, daily, After cleaning wound with aseptic N/S 0.9 %, wound has been placed in air until drying completely. Then, 1mm of Fundermol ointment was rubbed on the wound by tongue blade and has been dressed with nylon. Dressings were changed daily until wound recovered completely.

Category

Treatment - Drugs

2

Description

Intervention group: 3mm of Silver Sulfadiazine 1% ointment was rubbed on the wound. After cleaning wound with aseptic N/S 0.9 %, wound has been placed in air until drying completely. Then, 3mm of Silver Sulfadiazine 1% ointment was rubbed on the wound by tongue blade and has been dressed with nylon. Dressings were changed daily until wound recovered completely.

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Clinic of Imam Mousa Kazem Burn Hospital

Full name of responsible person

Dr Omranifar

Street address

Imam Mousa Kazem Burn Hospital, Kaveh Street, Isfahan, Iran

City

Isfahan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Research Vice Chancellor, Isfahan University of
Medical Sciences and Health Services

Full name of responsible person

Dr Peiman Adibi

Street address

Research Vice Chancellor Isfahan University of
Medical Sciences and Health Services

City

Isfahan

Grant name

Grant code / Reference number

**Is the source of funding the same sponsor
organization/entity?**

Yes

Title of funding source

Research Vice Chancellor, Isfahan University of Medical
Sciences and Health Services

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

Isfahan Nursing Faculty

Full name of responsible person

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Position

Faculty member, Isfahan Nursing Faculty

Other areas of specialty/work

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Person responsible for scientific inquiries

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Msc Nursing

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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