

Clinical Trial Protocol

Iranian Registry of Clinical Trials

28 May 2026

Comparison of occlusive and exposure dressing in burn infectious control in order to reduce time for the treatment and return to normal life.

Protocol summary

Summary

The aim of this study is comparison of exposure and occlusive dressing in reduction of recovery time. For this purpose, 100 patients treated with occlusive and 100 with exposure dressing. In exposure dressing the burn wounds cleaned and necrotic tissues was removed, then washed with baby shampoo followed by normal saline solution. After that, the wounds were dried with sterile gauze and covered with silver sulfadiazine cream in depth 16 millimeter. In next day same procedure was repeated, and during the first week of treatment sample was taken from the wound before dressing and transferred to transport medium for the culture. In occlusive after the treatment wounds would be covered with sterile gauze. The following day and during the first week of dress changing before dressing samples were taken from wounds and inoculated into transfer media for the culturing in the laboratory. This process will be continued until complete recovery. Inclusion criteria for this study are as follow: Burn out-patients And the exclusion criteria are as follow: Burn out-patients with not more than 2 degree of burning and not taken cephalixin antibiotic.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2012071110245N1**

Registration date: **2012-12-31, 1391/10/11**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2012-12-31, 1391/10/11

Registrant information

Name

Mohammad Kazem Sharifi-Yazdi

Name of organization / entity

Tehran University of Medical Sciences, School of Allied Sciences, Tehran, Iran

Country

Iran (Islamic Republic of)

Phone

+98 21 8670 4777

Email address

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Recruitment status

Recruitment complete

Funding source

Tehran University of Medical Sciences (TUMS)

Expected recruitment start date

2013-02-20, 1391/12/02

Expected recruitment end date

2014-02-21, 1392/12/02

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of occlusive and exposure dressing in burn infectious control in order to reduce time for the treatment and return to normal life.

Public title

dressing for the burn infectious control

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria Burn out-patients Exclusion criteria Burn out-patients with not more than 2 degree of burning and not taken cephalixin antibiotic

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **100**

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

Tehran University of Medical Sciences Ethics Committee

Street address

Tehran University of Medical Sciences, Keshavarz blv.

City

Tehran

Postal code

Approval date

2012-03-20, 1391/01/01

Ethics committee reference number

59061

Health conditions studied

1

Description of health condition studied

Burn

ICD-10 code

T20-25

ICD-10 code description

Burns and corrosions of external body surface

Primary outcomes

1

Description

infection

Timepoint

after intervention

Method of measurement

visual

Secondary outcomes

1

Description

Treatment period

Timepoint

cure period

Method of measurement

ocular

Intervention groups

1

Description

In exposure dressing the burn wounds cleaned and necrotic tissues was removed, then washed with baby shampoo followed by normal saline solution. After that, the wounds were dried with sterile gauze and covered with silver sulfadiazine cream in depth 16 millimeter. In next day same procedure was repeated, and during the first week of treatment sample was taken from the wound before dressing and transferred to transport medium for the culture

Category

Treatment - Drugs

2

Description

In occlusive dressing after the treatment wounds would be covered with sterile gauze. The following day and during the first week of dress changing before dressing samples were taken from wounds and inoculated into transfer media for the culturing in the laboratory .This process will be continued until complete recovery. .

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Emergency department, Motahari Burn Hospital

Full name of responsible person

Dr mohammad mehdi soltan dallal

Street address

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tehran university of medical sciences

Full name of responsible person

vice chancellor for research

Street address

bolvar keshavarz,khods ave

City

tehran

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Tehran 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

school of public health,tehran university of medical sciences

Full name of responsible person

Dr mohammad mehdei soltan dallal

Position

professor,Phd,head of microbiology division

Other areas of specialty/work

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soltanirad34@yahoo.com

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Person responsible for scientific inquiries

Contact

Name of organization / entity

Tehran university of medical sciences

Full name of responsible person

Dr mohammad mehdi soltan dallal

Position

head of microbiology department,scool of public health,tehran university of medical sciences

Other areas of specialty/work

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Position

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Other areas of specialty/work

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Web page address

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