

# 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

mksharifi@tums.ac.ir

##### 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**

**Street address**

bolvar keshavarz,khods aven

**City**

tehran

**Postal code**

**Phone**

+98 21 8899 2971

**Fax**

**Email**

soltanirad34@yahoo.com

**Web page address**

### 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**

**Street address**

bolvar keshavarz,khods ave

**City**

tehran

**Postal code**

**Phone**

+98 21 8899 2971

**Fax**

**Email**

soltanirad34@yahoo.com

**Web page address**

### Person responsible for updating data

**Contact**

**Name of organization / entity**

scool of public health,tehran university of medical sciences

**Full name of responsible person**

dr mohammad mehdi soltan dallal

**Position**

head of microbilogy division,Phd

**Other areas of specialty/work**

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bolvar keshavarz,khods ave

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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*