

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

Assessing the result of dermal graft without suture fixation in burn patients: a clinical trial

Protocol summary

Summary

Objectives: To assess the result of dermal graft without suture fixation in burn patients. **Design:** a clinical trial. **Setting and conduct:** The eligible burn patients who will refer to Besat Hospital during the study period will be enrolled into the trial. **Inclusion criteria:** burn patients who are candidate for dermal graft. **Exclusion criteria:** Sensitivity to anesthesia medications; contraindication of general or spinal anesthesia. **Intervention group:** Dermal graft without suture fixation **Control group:** Nothing. **Primary outcome:** Assessing the result of dermal graft without suture fixation through physical examination 5 days after surgery. **Secondary outcome:** Assessing local hematoma or bleeding at surgical location through physical examination 5 days after surgery. **Randomization:** Single group without randomization. **Blinding:** Not possible.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201610029014N118**
Registration date: **2016-10-03, 1395/07/12**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2016-10-03, 1395/07/12

Registrant information

Name

Jalal Poorolajal

Name of organization / entity

Department of Epidemiology & Biostatistics Hamadan
University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 81 1838 0090

Email address

poorolajal@umsha.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice-chancellor for Research the Technology, Hamadan
University of Medical Sciences

Expected recruitment start date

2016-04-08, 1395/01/20

Expected recruitment end date

2017-03-19, 1395/12/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Assessing the result of dermal graft without suture
fixation in burn patients: a clinical trial

Public title

Assessing the result of dermal graft without suture
fixation in burn patients

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: burn patients who are candidate for
dermal graft. Exclusion criteria: Sensitivity to anesthesia
medications; contraindication of general or spinal
anesthesia.

Age

No age limit

Gender

Both

Phase

2

Groups that have been masked*No information***Sample size**

Target sample size: 70

Randomization (investigator's opinion)

N/A

Randomization description**Blinding (investigator's opinion)**

Not blinded

Blinding description**Placebo**

Not used

Assignment

Single

Other design features

Randomization: Single group without randomization.

Blinding: Not possible.

Secondary Ids

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Ethics Committee of Hamadan University of Medical Sciences

Street addressVice-chancellor for Research the Technology,
Hamadan University of Medical Sciences, Shahid
Fahmideh Ave**City**

Hamadan

Postal code

6517838695

Approval date

2016-05-13, 1395/02/24

Ethics committee reference number

IR.UMSHA.REC.1395.96

Health conditions studied**1****Description of health condition studied**

Burn

ICD-10 code

T20

ICD-10 code description

Burn and corrosion of head and neck

2**Description of health condition studied**

Burn

ICD-10 code

T21

ICD-10 code description

Burn and corrosion of trunk

3**Description of health condition studied**

Burn

ICD-10 code

T22

ICD-10 code descriptionBurn and corrosion of shoulder and upper limb, except
wrist and hand**Primary outcomes****1****Description**Assessing the result of dermal graft without suture
fixation**Timepoint**

5 days after surgery

Method of measurement

through physical examination

Secondary outcomes**1****Description**Assessing local hematoma or bleeding at surgical
location**Timepoint**

5 days after surgery

Method of measurement

through physical examination

Intervention groups**1****Description**

Dermal graft without suture fixation

Category

Treatment - Surgery

Recruitment centers**1****Recruitment center****Name of recruitment center**

Besat Hospital

Full name of responsible person

Dr Abbas Ali Eskandarion

Street address

Besat Hospital, Shahed Square

City

Hamadan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice-chancellor for Research the Technology,
Hamadan University of Medical Sciences

Full name of responsible person

Dr Saeid Bashirian

Street address

Hamadan University of Medical Sciences, Shahid
Fahmideh Ave

City

Hamadan

Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Vice-chancellor for Research the Technology, Hamadan
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**

Besat Hospital

Full name of responsible person

Dr Abbas Ali Eskandarion

Position

Resident of sugery

Other areas of specialty/work**Street address**

Besat Hospital, Shahed Square

City

Hamadan

Postal code**Phone**

+98 81 3364 0030

Fax**Email**

pjsk625@yahoo.com

Web page address

Person responsible for scientific inquiries

Contact**Name of organization / entity**

Besat Hospital

Full name of responsible person

Dr Mahdi Eskandarloo

Position

Surgeon

Other areas of specialty/work**Street address**

Besat Hospital, Shahed Square

City

Hamadan

Postal code**Phone**

+98 81 3364 0030

Fax**Email**

Dr Mahdi Eskandarloo

Web page address

Person responsible for updating data

Contact**Name of organization / entity**

Department of Epidemiology

Full name of responsible person

Dr Jalal Poorolajal

Position

Associate Professor

Other areas of specialty/work**Street address**

School of Public Health, Hamadan University of
Medical Sciences, Shahid Fahmideh Ave

City

Hamadan

Postal code

6517838695

Phone

+98 81 3838 0090

Fax**Email**

poorolajal@umsha.ac.ir

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