

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Sep 2026

Evaluation of efficacy and safety of Homagin burn ointment for healing the second degree burn wounds

Protocol summary

Study aim

Evaluation of efficacy and safety of Homagin burn ointment for healing the second degree burn wounds

Design

Single group, phase 2, before -after clinical study.
sample size is 24.

Settings and conduct

The study will be performed in Center for the Study and Research of Diseases of the Skin and Leprosy, 24 Man or woman with second degree Burning area under 10% will be selected and enrolled in the study after signing consent form. Wounds are first washed with normal saline. Homagin ointment with a diameter of 3 to 5 mm is placed on the wound and bandaged with sterile gauze. The patients are taught to change the wound dressing daily until the wound is completely healed. Before intervention and at the end of 7 and 14 days later changing in burning parameters will be measured.

Participants/Inclusion and exclusion criteria

Inclusion criteria: Aged 18-60 years old, Heat Burning, Man or woman with second degree Burning area under 10%, Less than 6 hours of burning, Willing and able to sign an informed constant answering the questions.
Exclusion criteria: Other kind of burning like Chemical or Electrical Burning and etc., impregnated Wound with contaminating material, Using any topical preparation on wound before treatment except taped water, Active, untreated infection in different parts of the body, Concomitant diseases including; cancer, HIV, diabetes or untreated Hypertension and.., Burn in the facial and genital areas, Pregnancy or lactating

Intervention groups

Using Homagin ointment in 3 to 5 mm diameter on burning wound and bandaged with sterile gauze

Main outcome variables

Change in burn wound condition

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20190210042676N12**

Registration date: **2021-04-06, 1400/01/17**

Registration timing: **registered_while_recruiting**

Last update: **2021-04-06, 1400/01/17**

Update count: **0**

Registration date

2021-04-06, 1400/01/17

Registrant information

Name

Aniseh Samadi

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 21 8897 2220

Email address

a_samadi@razi.tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2021-04-04, 1400/01/15

Expected recruitment end date

2021-07-06, 1400/04/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation of efficacy and safety of Homagin burn ointment for healing the second degree burn wounds		Tehran
Public title		Province
Evaluation of efficacy and safety of Homagin burn ointment for healing the burn wounds		Tehran
Purpose		Postal code
Treatment		1417653761
Inclusion/Exclusion criteria		Approval date
Inclusion criteria:		2021-02-20, 1399/12/02
Aged 18-60 years old Heat Burning Man or woman with second degree Burning area under 10% Less than 6 hours of burning Willing and able to sign an informed constant answering the questions		Ethics committee reference number
Exclusion criteria:		IR.TUMS.MEDICINE.REC.1399.1167
Other kind of burning like Chemical or Electrical Burning and etc.. impregnated Wound with contaminating material Using any topical preparation on wound before treatment except taped water Active, untreated infection in different parts of the body Concomitant diseases including; cancer , HIV , diabetes or untreated Hypertension and.. Burn in the facial and genital areas Pregnancy or lactating		Health conditions studied
Age		1
From 18 years old to 60 years old		Description of health condition studied
Gender		second degree burn wounds
Both		ICD-10 code
Phase		T21.21XA
2		ICD-10 code description
Groups that have been masked		Burn of second degree of chest wall, initial encounter
No information		Primary outcomes
Sample size		1
Target sample size: 24		Description
Randomization (investigator's opinion)		Change in burn wound condition
N/A		Timepoint
Randomization description		Before intervention, 1 and 2 weeks after last treatment
Blinding (investigator's opinion)		Method of measurement
Not blinded		bates-jensen Wound assessment tool
Blinding description		Secondary outcomes
Placebo		1
Not used		Description
Assignment		Change in wound area
Single		Timepoint
Other design features		Before intervention, 1 and 2 weeks after last treatment
Secondary Ids		Method of measurement
empty		Using Colis Vernier
Ethics committees		2
1		Description
Ethics committee		Change in the amount of pain and burning
Name of ethics committee		Timepoint
Ethics committee of Tehran University of Medical Sciences		Before intervention, 1 and 2 weeks after last treatment
Street address		Method of measurement
Research and Technology Dept, 6th floor, Central Organization of the University, Ghods St., Keshavarz Blvd.		according to the VAS criteria
City		Intervention groups
		1
		Description
		Intervention group: 2 weeks, daily application of Homagin ointment, containing curcumin and honey, product of Terita Sana Darman company (Iran) . The ointment will be applied in 3 to 5 mm thickness on

burning wound. Before application, the wound will be washed by normal saline and then will be dressed up using sterile gauze.

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Shahid Motahari Burn Center, Burn Research Center

Full name of responsible person

Mohammad Javad Fatemi

Street address

Valiasr Ave, Vanak Square, Rashid Yasemi Street

City

Tehran

Province

Tehran

Postal code

۱۴۴۹۶۱۴۵۳۵

Phone

+98 21 8877 0031

Email

hospital.motahari@yahoo.com

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Terita Sana darman Company

Full name of responsible person

Younes Mullah Rahman

Street address

No. 11, 8th Ave., Omidvar St., Jamshidieh, Niavaran

City

Tehran

Province

Tehran

Postal code

1977844533

Phone

+98 21 4613 3698

Email

teritesanadarman@gmail.com

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Terita Sana darman Company

Proportion provided by this source

100

Public or private sector

Private

Domestic or foreign origin

Domestic

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

Persons

Person responsible for general inquiries

Contact

Name of organization / entity

Tehran University of Medical Sciences

Full name of responsible person

Aniseh Samadi

Position

Manger of clinical study unit

Latest degree

Ph.D.

Other areas of specialty/work

Dermatology

Street address

No. 415, Shahid Naderi (Soheil) St., Taleqani Ave.

City

Tehran

Province

Tehran

Postal code

1416613675

Phone

+98 21 8896 0880

Email

aniseh_samadi@yahoo.com

Person responsible for scientific inquiries

Contact

Name of organization / entity

Tehran University of Medical Sciences

Full name of responsible person

Alireza Firooz

Position

Professor of dermatology

Latest degree

Specialist

Other areas of specialty/work

Dermatology

Street address

No. 415, Shahid Naderi (Soheil) St., Taleqani Ave.

City

Tehran

Province

Tehran

Postal code

1416613675

Phone

+98 21 8897 7921

Email

firozali@sina.tums.ac.ir

Person responsible for updating data

Contact

Name of organization / entity

Tehran University of Medical Sciences

Full name of responsible person

Maryam Ahmadi

Position

Research Expert

Latest degree

Master

Other areas of specialty/work

Clinical Research

Street address

No. 415, Shahid Naderi (Soheil) St., Taleqani Ave.

City

Tehran

Province

Tehran

Postal code

1416613675

Phone

+98 21 8897 0658

Email

ahmadi.maryam648@gmail.com

Sharing plan**Deidentified Individual Participant Data Set (IPD)**

Undecided - It is not yet known if there will be a plan to make this available

Study Protocol

Undecided - It is not yet known if there will be a plan to make this available

Statistical Analysis Plan

Not applicable

Informed Consent Form

Undecided - It is not yet known if there will be a plan to make this available

Clinical Study Report

Undecided - It is not yet known if there will be a plan to make this available

Analytic Code

Not applicable

Data Dictionary

Not applicable