

Clinical Trial Protocol

Iranian Registry of Clinical Trials

19 Jun 2026

Evaluating effectiveness of the moisturizing cream produced by Behpad Teb Company using skin biometric methods.

Protocol summary

Study aim

Evaluating effectiveness of the moisturizing cream produced by Behpad Teb Company using skin biometric methods.

Design

Single group, phase 2, before -after clinical study. sample size is 19. The study is not randomized.

Settings and conduct

The study will be performed in Center for the Study and Research of Diseases of the Skin and Leprosy, 20 Cases of Clinically diagnosed dry skin will be selected and enrolled in the study after signing consent form. Volunteers will be taught to use moisturizing cream produced by Behpad Teb Company for 2 weeks, twice in a day. Before intervention ,1 hours and 2 weeks after using changing in stratum corneum hydration, skin elasticity and Trance Epidermal Water Loss (TEWL) will be measured. This study is not blinded.

Participants/Inclusion and exclusion criteria

Inclusion criteria: Clinically diagnosed dry skin, general health, be willing to comply with all sessions of the treatment schedule and procedures. exclusion criteria: active smokers, presenting an infection or active skin lesion of treatment site, cutaneous or systemic diseases or any skin condition caused dry skin, currently pregnant or lactating.

Intervention groups

Topical use of 25 µL of moisturizing cream produced by Behpad Teb Company on assigned area of the right forearm for 2 weeks twice a day.

Main outcome variables

Comparison changes in stratum corneum hydration.

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20190210042676N28**

Registration date: **2023-01-17, 1401/10/27**

Registration timing: **prospective**

Last update: **2023-01-17, 1401/10/27**

Update count: **0**

Registration date

2023-01-17, 1401/10/27

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

2023-02-20, 1401/12/01

Expected recruitment end date

2023-08-23, 1402/06/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluating effectiveness of the moisturizing cream produced by Behpad Teb Company using skin biometric methods.

Public title

Evaluating effectiveness of the moisturizing cream

produced by Behpad Teb Company

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:

Clinically diagnosed dry skin General health Be willing to comply with all sessions of the treatment schedule and procedures.

Exclusion criteria:

active smokers Presenting an infection or active skin lesion of treatment site Cutaneous or systemic diseases or any skin condition caused dry skin. Currently pregnant or lactating

Age

From **18 years** old to **60 years** old

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: **20**

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Single

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of The Institute of Pharmaceutical Sciences of Tehran University of Medical Science

Street address

Unit 1-219, 2nd floor, The Institute of Pharmaceutical Sciences, Faculty of Pharmacy, 16 Azar Avenue

City

Tehran

Province

Tehran

Postal code

1417613151

Approval date

2023-01-03, 1401/10/13

Ethics committee reference number

IR.TUMS.TIPS.REC.1401.096

Health conditions studied

1

Description of health condition studied

Skin dryness

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Comparison changes in stratum corneum hydration.

Timepoint

Before intervention, 1 hours and 2weeks after using.

Method of measurement

Corneometry

Secondary outcomes

1

Description

Skin elasticity

Timepoint

Before intervention, 1 hours and 2weeks after using.

Method of measurement

Cutometry

2

Description

Trance Epidermal Water Loss

Timepoint

Before intervention, 1 hours and 2weeks after using.

Method of measurement

Tewameter

Intervention groups

1

Description

Intervention group: Topical use of 25 µL of moisturizing cream produced by Behpad Teb Company on assigned area of the right forearm for 2 weeks twice a day.

Category

Treatment - Other

Recruitment centers

1

Recruitment center

Name of recruitment center

center for research and training in skin diseases and leprosy

Full name of responsible person

Aniseh Samadi

Street address

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

City

Tehran

Province

Tehran

Postal code

1416613675

Phone

+98 21 8897 0658

Email

dermalab@tums.ac.ir

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Iranian Behpad Teb Company

Full name of responsible person

Reza Payandeh

Street address

2nd Floor, No. 37, West Nusrat Street, North Kargar Street

City

Tehran

Province

Tehran

Postal code

1418863983

Phone

+98 21 6642 6890

Email

behpadteb.drug@gmail.com

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

Yes

Title of funding source

Iranian Behpad Teb 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) Street, Taleqani Avenue.

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

Azin Ayatollahi

Position

Dermatologist

Latest degree

Specialist

Other areas of specialty/work

Dermatology

Street address

No. 415, Shahid Naderi (Soheil) Street, Taleqani Avenue

City

Tehran

Province

Tehran

Postal code

1416613675

Phone

+98 21 8897 7921

Email

azinay@gmail.com

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

Dermatology

Street address

No. 415, Shahid Naderi (Soheil) Street, Taleqani

Avenue

City

Tehran

Province

Tehran

Postal code

1416613675

Phone

+98 21 8897 7921

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