

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

The effect of Cream Containing Date Extract in the Treatment of Patients with Eczema

Protocol summary

Study aim

The aim of this study is to treat eczema using a cream formulation containing date extract.

Design

The clinical trial has a control group and a patient group and over 50 patients.

Settings and conduct

The study site is the Dermatology and Leprosy Research Center of Tehran University of Medical Sciences. All patients use a cream containing date extract for 4 weeks. The cream is used daily in patients / twice a day, each time they should use the cream on the entire surface of skin lesions.

Participants/Inclusion and exclusion criteria

Inclusion criteria for patients with mild to moderate eczema. Conditions not included in the study, patients with underlying diseases.

Intervention groups

The intervention groups are patients and the control groups. Patient groups will use a cream formulation containing date extract daily / twice a day. Control groups will also receive standard treatments for eczema.

Main outcome variables

Itching rate; skin inflammation

General information

Reason for update

More time is needed to check the stability of the formulation. Also, clinical studies require more time for eczema patients to refer to the skin center.

Acronym

IRCT registration information

IRCT registration number: **IRCT20211127053186N1**

Registration date: **2022-05-23, 1401/03/02**

Registration timing: **registered_while_recruiting**

Last update: **2023-12-30, 1402/10/09**

Update count: **1**

Registration date

2022-05-23, 1401/03/02

Registrant information

Name

Somayeh Handali

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 21 6412 1510

Email address

s-handali@sina.tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2022-02-20, 1400/12/01

Expected recruitment end date

2025-03-18, 1403/12/28

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of Cream Containing Date Extract in the Treatment of Patients with Eczema

Public title

"Evaluation of the Effect of Date Cream in the Treatment of Eczema"

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:

Patients with mild to moderate eczema may be eligible

for admission

Exclusion criteria:

People who have underlying diseases. People who very old and difficult to get information from them.

Age

No age limit

Gender

Both

Phase

3

Groups that have been masked

No information

Sample size

Target sample size: 50

Randomization (investigator's opinion)

Not randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

NO

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

thics committee of Tehran Medical University of Medical Sciences

Street address

Tehran University of Medical Sciences, Poursina Avenue, Qods Street, Enqelab Square, Tehran, Iran

City

Tehran

Province

Tehran

Postal code

۱۴۱۷۶۱۴۴۱۱

Approval date

2021-11-06, 1400/08/15

Ethics committee reference number

IR.TUMS.TIPS.REC.1400.147

Health conditions studied

1

Description of health condition studied

Eczema disease

ICD-10 code

L20.84

ICD-10 code description

Intrinsic (allergic) eczema

Primary outcomes

1

Description

"itching rate"

Timepoint

Periods include assessing the amount of pruritus before and after treatment for two weeks.

Method of measurement

standard skin questionnaire

2

Description

the rate of inflammation

Timepoint

Periods include assessing the extent of inflammation before and after treatment for two weeks.

Method of measurement

a questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

This cream will be prepared by Tarbiat Modares University. Intervention group (patients with mild or moderate eczema): Cream containing date extract will be used to control and treat eczema. All patients use a cream containing date extract for 4 weeks. Use the cream daily / twice a day, each time you should use the cream on the entire surface of skin lesions. The cream contains date extract, Stearic acid, Spermaceti, Glycerin, Benzyl alcohol and Cetyl alcohol.

Category

Treatment - Drugs

2

Description

Control group: standard treatments will be used. The standard treatment for eczema is topical corticosteroids such as Triamcinolone twice daily

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Dermatology and Leprosy Research Center of Tehran

University of Medical Sciences
Full name of responsible person
Soamyeh Handali
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Tehran University of Medical Sciences, Poursina
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Sponsors / Funding sources

1

Sponsor

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Tehran University of Medical Sciences
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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

Public

Domestic or foreign origin

Domestic

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

Academic

Person responsible for general inquiries

Contact

Name of organization / entity

Tehran University of Medical Sciences
Full name of responsible person
Soamyeh Handali
Position
University faculty
Latest degree
Ph.D.
Other areas of specialty/work
Medical Pharmacy
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Person responsible for updating data

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

Yes - There is a plan to make this available

Study Protocol

Yes - There is a plan to make this available

Statistical Analysis Plan

Yes - There is a plan to make this available

Informed Consent Form

Yes - There is a plan to make this available

Clinical Study Report

Yes - There is a plan to make this available

Analytic Code

Yes - There is a plan to make this available

Data Dictionary

Yes - There is a plan to make this available

Title and more details about the data/document

Publication of results after the end of the study

When the data will become available and for how long

After the end of the study

To whom data/document is available

All people

Under which criteria data/document could be used

These data will be available to all groups to know the effectiveness of the cream formulation containing date extract in the treatment of eczema.

From where data/document is obtainable

School of Pharmacy and Dermatology and Leprosy Research Center, Tehran University of Medical Sciences
Somayeh Handali 09161147998 handali_s81@yahoo.com

What processes are involved for a request to access data/document

Search in the internet for accessing results

Comments

NO