

Clinical Trial Protocol

Iranian Registry of Clinical Trials

27 May 2026

Evaluation of the effectiveness of Dorema ammoniacum gum in the treatment of skin warts Compared to salicylic acid

Protocol summary

Study aim

Evaluation of the effectiveness of Dorema ammoniacum gum in the treatment of skin warts Compared to salicylic acid

Design

Two arm parallel group randomised trial with control group

Settings and conduct

The study will be performed in Sedigheh Tahereh Research Center of Isfahan. Patients with inclusion criteria will be randomly assigned to drug or control groups. The sample size is 44 patients. For patients in drug group, a topical product of Dorema ammoniacum gum will be applied for two weeks, while for patients of control group, 40% salicylic acid solution will be used for two weeks. At the end of days 14 and 28 (end of intervention) of intervention, the percent of wart size reduction will be recorded. Furthermore, the number of cases with complete wart healing during the study will be recorded for both groups. Finally, the mentioned variables will be compared between the groups.

Participants/Inclusion and exclusion criteria

Age of 18 years or more
Less than 5 common or plantar warts
Entry : No treatment for anti-wart during the last 30 days
No underlying skin disease except warts
Pregnancy
Lactation
Lack of underlying safety

Intervention groups

Drug Group: Dorema ammoniacum topical product , Isfahan University of Medical Sciences, Isfahan University of Medical Sciences, Twice a day with daily washing of the lesion for 14 days
Control group: 40% salicylic acid solution prepared from a pharmacy

Main outcome variables

1. The percent change in the wart size
2. The number of cases of complete size change

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20150721023282N20**
Registration date: **2021-09-02, 1400/06/11**
Registration timing: **prospective**

Last update: **2021-09-02, 1400/06/11**

Update count: **0**

Registration date

2021-09-02, 1400/06/11

Registrant information

Name

Rasool Soltani

Name of organization / entity

Isfahan University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 31 3792 7067

Email address

soltani@pharm.mui.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2021-09-23, 1400/07/01

Expected recruitment end date

2022-03-20, 1400/12/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation of the effectiveness of Dorema ammoniacum gum in the treatment of skin warts Compared to salicylic acid

acid

Public title

The effectiveness of Dorema ammoniacum gum in the treatment of skin warts

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:

Age of 18 years or more
Less than 5 common or plantar warts
No treatment for anti-wart during the last 30 days
No underlying skin disease except warts

Exclusion criteria:

Pregnancy
Lactation
Lack of underlying safety

Age

From **18 years** old

Gender

Both

Phase

3

Groups that have been masked

No information

Sample size

Target sample size: **44**

Randomization (investigator's opinion)

Randomized

Randomization description

All the arrangements of the two groups will be drawn in pairs in quadruple blocks and each block will be numbered from 1 to the end. Using a table of random numbers, the blocks are selected in order and based on the arrangement of that block, patients will be divided into one of two groups according to the order of admission.

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

Ethics committee of Isfahan University of Medical Sciences

Street address

Vice-chancellery for research, Isfahan University of Medical Sciences, Hezar-Jerib Ave., Isfahan

City

Isfahan

Province

Isfahan

Postal code

8174673461

Approval date

2021-03-09, 1399/12/19

Ethics committee reference number

IR.MUI.RESEARCH.REC.1399.804

Health conditions studied

1

Description of health condition studied

Common or plantar warts

ICD-10 code

B07.0

ICD-10 code description

Plantar wart

Primary outcomes

1

Description

Percentage change in wart size at the end of the intervention
2. Change the number of warts at the end of the intervention

Timepoint

Before the intervention, 14 and 28 days after the start of intervention

Method of measurement

Ruler

Secondary outcomes

1

Description

Number of people with complete recovery at the end of the intervention

Timepoint

The beginning of the intervention 14 and 28 days after the intervention

Method of measurement

Observation

Intervention groups

1

Description

Intervention group: Dorema ammoniacum topical product, Isfahan University of Medical Sciences, Isfahan University of Medical Sciences, Twice a day with daily washing of the lesion for 14 days

Category

Treatment - Drugs

2

Description

Control group: 40% salicylic acid solution prepared from

a pharmacy
Category
Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center
Sedighe Tahereh hospital
Full name of responsible person
Zabihollah Shahmoradi
Street address
Khorram St., jomhuri-e-Eslami sq., Isfahan
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Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Esfahan University of Medical Sciences
Full name of responsible person
Shaghayegh Haghjooy Javanmard
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Isfahan University of Medical Sciences, Hezar-Jerib Avenue
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sh_haghjoo@med.mui.ac.ir
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Esfahan 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
Esfahan University of Medical Sciences
Full name of responsible person
Rasool Soltani
Position
Associate professor
Latest degree
Specialist
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Person responsible for updating data

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Latest degree

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Sharing plan

Deidentified Individual Participant Data Set (IPD)

No - There is not a plan to make this available

Justification/reason for indecision/not sharing IPD

There is no more data.

Study Protocol

No - There is not a plan to make this available

Statistical Analysis Plan

No - There is not a plan to make this available

Informed Consent Form

No - There is not a plan to make this available

Clinical Study Report

No - There is not a plan to make this available

Analytic Code

No - There is not a plan to make this available

Data Dictionary

No - There is not a plan to make this available