

# 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  
**City**  
Isfahan  
**Province**  
Isfahan  
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8174673461  
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emrc@mui.ac.ir

## Sponsors / Funding sources

1

### Sponsor

**Name of organization / entity**  
Esfahan University of Medical Sciences  
**Full name of responsible person**  
Shaghayegh Haghjooy Javanmard  
**Street address**  
Isfahan University of Medical Sciences, Hezar-Jerib Avenue  
**City**  
Isfahan  
**Province**  
Isfahan  
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+98 31 3668 8138  
**Email**  
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  
**Other areas of specialty/work**  
Medical Pharmacy  
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## Person responsible for scientific inquiries

### Contact

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## Person responsible for updating data

### 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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Medical Pharmacy

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**Postal code**

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**Email**

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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