Clinical Trial Protocol
Iranian Registry of Clinical Trials

18 Sep 2026

Comparison of the effects of salicylic acid solutions versus Cryotherapy for the treatment of Extra genital wart on patients referred to the Farshchian hospital.

Protocol summary

Summary

(1) Objective: Comparison of the effects of salicylic acid and Cryotherapy solutions to treat Extra genital wart. (2) Design: Randomized clinical trial (3) Setting and conduct: Compare the effectiveness of Cryotherapy and salicylic acid in the treatment of Extra Genital warts. (4) Participants including major eligibility criteria: Inclusion criteria Extra genital wart; No an underlying disease such as diabetes; immunodeficiency; lack of medications that suppress the immune system; and more than 4 years of age and have at least two wart Exclusion criteria Individuals younger than 4 years; lactation; ulceration of the skin in the treatment of active disease; coagulation disorders active; Intolerance to cold; immune system dysfunction; People with cold urticarial. (5) Intervention: In the group treated with Cryotherapy with liquid nitrogen and cotton wool buds used. Warts with a margin of 1 mm surrounding healthy skin for 5 to 20 seconds depending on the type and location will be frozen. If there is no improvement, Cryotherapy therapy was done once every two weeks and would be repeated up to five times. In the group salicylic acid in the same condition that Cryotherapy is one to three of its other warts that are based on randomly selected, considering the side effects once daily for 8 weeks done. (6) Main outcome measures (variables): Warts healing based on gender of participants, type of wart, treatment history and age groups.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016052328008N1**
Registration date: **2016-07-20, 1395/04/30**
Registration timing: **registered_while_recruiting**
Last update:
Update count: **0**

Registration date

2016-07-20, 1395/04/30

Registrant information

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Mohammad Faryadras
Name of organization / entity
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Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Hamadan University of Medical Sciences

Expected recruitment start date

2016-04-20, 1395/02/01

Expected recruitment end date

2017-03-21, 1396/01/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of the effects of salicylic acid solutions versus Cryotherapy for the treatment of Extra genital wart on patients referred to the Farshchian hospital.

Public title

Compared the effect of salicylic acid and Cryotherapy in the treatment of warts.

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria Extra genital wart; No an underlying disease such as diabetes; immunodeficiency; lack of medications that suppress the immune system a; more than 4 years of age and have at least two wart. Exclusion criteria Individuals younger than 4 years; lactation; ulceration of the skin in the treatment of active disease; coagulation disorders active; Intolerance to cold; immune system dysfunction and people with cold urticarial.

Age

No age limit

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: **80**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

1

Registry name

.

Secondary trial Id

.

Registration date

2017-11-21, 1396/08/30

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics CommitteeHamadn University Medical ScienceHamadan

Street address

Hamadan University of Medical Sciences, Pazoehsh Crossroad, Faehmide St.

City

Hamadan

Postal code

Approval date

2016-05-14, 1395/02/25

Ethics committee reference number

IR.UMSHA.REC.1395.76

Health conditions studied

1

Description of health condition studied

Extragenital wart

ICD-10 code

A63.0

ICD-10 code description

Anogenital (venereal) warts

Primary outcomes

1

Description

The disappearance of or going Warts

Timepoint

At baseline, two weeks and, if no improvement up to 5 times in the Cryotherapy group

Method of measurement

Examination by dermatologist

Secondary outcomes

1

Description

Side effects, Such as erythema, pain and local irritation

Timepoint

2-5-7 week

Method of measurement

Physical examination

Intervention groups

1

Description

In group one, Cryotherapy was done with cotton swab dipped into liquid nitrogen and then applied on the warts for 5–20 seconds every week. If there is no improvement, Cryotherapy therapy was done once every two weeks and would be repeated up to five times.

Category

Treatment - Drugs

2

Description

In group two, 40% salicylic acid at the same illness that Cryotherapy is one to three other warts that are based on randomly selected was applied on the dry lesions with a cotton swab once daily for 8 weeks done. Both methods were done by a dermatologist.

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center
Name of recruitment center
Sina Hospital
Full name of responsible person
Abbasali Hesari
Street address
Farshchian Sinai Medical Center, Mirzadeh Eshhgi St, Hamadan
City
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Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Vice chancellor for research, Hamadan University of Medical Sciences
Full name of responsible person
Said Bashirian
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Vice Chancellor for Research, Hamadan University of Medical Sciences, Shahid Fahmideh St, Hamadan
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Hamadan
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Vice chancellor for research, Hamadan University of Medical Sciences
Proportion provided by this source
100
Public or private sector
empty
Domestic or foreign origin
empty
Category of foreign source of funding
empty
Country of origin
Type of organization providing the funding
empty

Person responsible for general inquiries

Contact
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Person responsible for scientific inquiries

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Person responsible for updating data

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Sharing plan

Deidentified Individual Participant Data Set (IPD)

empty

Study Protocol

empty

Statistical Analysis Plan

empty

Informed Consent Form

empty

Clinical Study Report

empty

Analytic Code

empty

Data Dictionary

empty