Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 2026

Comparison of efficacy and side effects of topical 15% potassium hydroxide solution and cryotherapy in the treatment of common wart.

Protocol summary

Summary

Objective: Comparison of efficacy and side effects of topical 15% potassium hydroxide solution and cryotherapy in treatment of common wart Design: Non-randomized; non- blinding Inclusion criteria: common wart with a diameter less than 5mm ; on the hands or feet bilaterally Exclusion criteria: pregnancy; lactation; treatment during one recent month; secondary skin infection

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014081118765N1**
Registration date: **2014-12-12, 1393/09/21**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2014-12-12, 1393/09/21

Registrant information

Name

Salah shohani

Name of organization / entity

jundishapur scientific medical university of ahvaz

Country

Iran (Islamic Republic of)

Phone

+98 61 1336 7543

Email address

shohani.s@ajums.ac.ir

Recruitment status

Recruitment complete

Funding source

Ahvaz Jundishapur University of Medical Sciences

Expected recruitment start date

2012-09-22, 1391/07/01

Expected recruitment end date

2013-03-15, 1391/12/25

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of efficacy and side effects of topical 15% potassium hydroxide solution and cryotherapy in the treatment of common wart.

Public title

Treatment of common warts with topical solution of potassium hydroxide 15%

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: patient who have common wart with diameter less than 5 mm, on the hand or foot bilaterally. Exclusion criteria: pregnancy; lactation; treatment during one recent month; secondary skin infection

Age

From **3 years** old to **60 years** old

Gender

Both

Phase

2-3

Groups that have been masked

No information

Sample size

Target sample size: **29**

Randomization (investigator's opinion)

Not randomized

Randomization description

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

Ahvaz Jundishapur University of Medical Sciences

Street address

Ahvaz Jundishapur University of Medical Sciences, Golestan Street, Ahvaz, Iran

City

Ahvaz

Postal code

6135715794

Approval date

2012-05-26, 1391/03/06

Ethics committee reference number

672/D

Health conditions studied

1

Description of health condition studied

Common wart

ICD-10 code

I-B07

ICD-10 code description

Verruca Vulgaris

Primary outcomes

1

Description

Reduced size of Common warts

Timepoint

Before intervention. Every week from starting of intervention to disappearance of all warts. Two months after the end of intervention.

Method of measurement

observation; Ruler

Secondary outcomes

1

Description

Side effects

Timepoint

Before intervention. Every week from starting of intervention to disappearance of all warts. Two months after the end of intervention

Method of measurement

observation

Intervention groups

1

Description

Intervention group: Drug: Topical solution of 15% Potassium hydroxide Direct education to patients. Period of application: Disappearance of warts Application: Cotton swap weltering in solution of KOH 15% then put on each wart for 20 seconds, twice a day.

Category

Treatment - Drugs

2

Description

Control group :Treatment with cryotherapy Application: One cotton swap be drowned in to nitrogen liquid then put on each wart for ten seconds and repeat it twice.

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Dermatology Clinic of Ahvaz Imam Hospital

Full name of responsible person

Salah Shohani resident of Dermatology

Street address

Dermatology Clinic, Azadegan street, Imam Hospital, Ahvaz,Iran

City

Ahvaz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Ahvaz Jundishapur University of Medical Sciences, Vice Chancellor

Full name of responsible person

Nader Saki

Street address

Ahvaz Jundishapur University of Medical Sciences, Vice Chancellor

City

Ahvaz

Grant name

Grant code / Reference number

Is the source of funding the same sponsor

organization/entity?
Yes
Title of funding source
Ahvaz Jundishapur University of Medical Sciences, Vice Chancellor
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
Name of organization / entity
Ahvaz Jundishapur University of Medical Sciences
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Position
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Web page address
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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