

Clinical Trial Protocol

Iranian Registry of Clinical Trials

07 Jul 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 wetting 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

Full name of responsible person

Salah Shohani

Position

Resident of Dermatology

Other areas of specialty/work**Street 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