Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 2026

Evaluation of sensitization by Candida antigen in comparison with cryotherapy in treatment of wart lesions in patients referring to dermatology clinic of Quaem hospital

Protocol summary

Summary

This study was conducted from December 2013 through February 2014 among patients aged more than 15 years old with verruca vulgaris and plantar warts. They were neither pregnant, lactating nor have any evidence of known immunodeficiency. Cases were referred to dermatology clinic of Quaem Hospital. After giving information about methodology and objectives, those people who were qualified enrolled and written consent was taken. They randomly divided into two groups of 30 peoples (Group A and B) based on the day of referral. Group A was given 0.1 ml of Candidate antigen intralesionally into the greatest lesions each 3 weeks apart for a total of three doses and group B was under treatment with liquid nitrogen cryotherapy weekly till 10 weeks or otherwise complete improvement in less sessions. Then improvement response and side effects was compared between two groups.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015012016955N5**
Registration date: **2015-11-26, 1394/09/05**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2015-11-26, 1394/09/05

Registrant information

Name

Pouran Layegh

Name of organization / entity

department of dermatology, Ghaem hospital, Mashhad, Iran

Country

Iran (Islamic Republic of)

Phone

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Recruitment status

Recruitment complete

Funding source

Vice chancellor for research of Mashhad University of Medical Sciences

Expected recruitment start date

2013-12-22, 1392/10/01

Expected recruitment end date

2014-02-19, 1392/11/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation of sensitization by Candida antigen in comparison with cryotherapy in treatment of wart lesions in patients referring to dermatology clinic of Quaem hospital

Public title

Treatment response of wart lesions to sensitization by Candida antigen in comparison with cryotherapy

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: patients older than 15 years that have verucca vulgaris and plantar warts whom referred to dermatology clinic of Quaem hospital; no prior allergic

response to mumps or Candida antisera; not be pregnant or lactating; no primary or iatrogenic immuno-supression; no infection with human immunodeficiency virus type 1(HIV1); no hypersensitivity to lidocaine; no previous treatment for wart during 1 month ago
Exclusion criteria:Taking any treatment for wart during study

Age
From **15 years** old to **75 years** old

Gender
Both

Phase
2

Groups that have been masked
No information

Sample size
Target sample size: **60**

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

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Ethics Committee of Mashhad University of Medical Sciences

Street address
Central Building of Mashhad University of Medical Sciences (Ghorshi),Daneshgah 16, Daneshgah Street

City
Mashhad

Postal code

Approval date
2011-09-23, 1390/07/01

Ethics committee reference number
911047

Health conditions studied

1

Description of health condition studied
wart

ICD-10 code
A18.4

ICD-10 code description
common wart

Primary outcomes

1

Description
Lesion improvement rate

Timepoint
Weekly for cryotherapy until 10 weeks, every 3 weeks for Candida antigen until three doses

Method of measurement
Measuring the size of two largest perpendicular diameter of lesion in millimeter

Secondary outcomes

1

Description
Side effects

Timepoint
Weekly for cryotherapy group and each 3 weeks for candida antigen group

Method of measurement
Clinical evaluation

Intervention groups

1

Description
Use of 1.1000 purified candida antigen solution (Greer, USA) intralesionally into greatest wart lesions every 3 weeks for 3 doses in intervention group.

Category
Treatment - Drugs

2

Description
Use of cryotherapy with liquid nitrogen weekly for 10 weeks in control group.

Category
Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center
Dermatology clinic, Quaem Hospital

Full name of responsible person
Dr Pouran Layegh

Street address

City
Mashhad

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Vice chancellor for research of Mashhad University of Medical Sciences
Full name of responsible person
Dr Mohsen Tafaghodi
Street address
Central Building of Mashhad University of Medical Sciences (Ghorshi), Daneshgah 16, Daneshgah street
City
Mashhad
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 of Mashhad 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
Name of organization / entity
Mashhad University of Medical Sciences
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Person responsible for updating data

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Web page address

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