

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Sep 2026

The Comparison study of Intralusalional injection of tuberculin vs cryotheraphy in treatment of resistance warts

Protocol summary

Summary

This clinical trial aimed to study the effects of direct topical injection of tuberculin within the lesion in patients with resistant warts and to comparison the recovery rate of this method with conventional treatments. Resistant wart is defined as a wart which is sustain more than two years or did not respond to the conventional treatment or was not treated with a maximum of four sessions of cryotherapy. In an experimental study, 60 patients who has the criteria enter the study and will be randomly divided into two groups. The inclusion criteria is refractory warts. Exclusion criteria defined as pregnant and lactating mothers, who had a history of previous tuberculosis and those who has immunodeficiency. In the first group tuberculin will be injected directly into the lesion and in the second group localized cryotherapy will be applied. To compare the two groups, the number, size, extent and location of the warts will be recorded before intervention and after each session and after 6 months follow-up data will be analyzed.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201407089844N3**

Registration date: **2014-08-01, 1393/05/10**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2014-08-01, 1393/05/10

Registrant information

Name

Mehdi Amirnia

Name of organization / entity

Tabriz University of Medical Sciences

Country

Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Tabriz University of Medical Sciences

Expected recruitment start date

2013-10-08, 1392/07/16

Expected recruitment end date

2014-05-06, 1393/02/16

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Comparison study of Intralusalional injection of tuberculin vs cryotheraphy in treatment of resistance warts

Public title

The Comparison study of Intralusalional injection of tuberculin vs cryotheraphy in treatment of resistance warts

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Patients with resistant warts Exclusion criteria: Patients with Immunosuppression ; Pregnant weman and lactating mothers ; Patients with a history of TB.

Age

No age limit
Gender
Both
Phase
2-3
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 Tabriz University of Medical Sciences

Street address

Tabriz University of Medical Sciences, Daneshgah Sq.

City

Tabriz

Postal code

Approval date

2013-11-23, 1392/09/02

Ethics committee reference number

5/4/7027

Health conditions studied

1

Description of health condition studied

Wart

ICD-10 code

A63.0

ICD-10 code description

Anogenital (venereal) warts

2

Description of health condition studied

Wart

ICD-10 code

B07

ICD-10 code description

Viral warts

Primary outcomes

1

Description

Number of warts

Timepoint

4 to 6 times in 2 weeks interval from the onset of treatment

Method of measurement

By physical examination

2

Description

Size of warts

Timepoint

4 to 6 times in 2 weeks interval from the onset of treatment

Method of measurement

By physical examination

3

Description

Extent of warts

Timepoint

4 to 6 times in 2 weeks interval from the onset of treatment

Method of measurement

By physical examination

4

Description

Location of warts

Timepoint

4 to 6 times in 2 weeks interval from the onset of treatment

Method of measurement

By physical examination

Secondary outcomes

empty

Intervention groups

1

Description

In the first group PPD or tuberculin antigen in an amount of 0/1 to 0/3 ml depending on the size of the lesion, injected intradermally and in multiple warts it will be injected in two largest warts.

Category

Treatment - Other

2

Description

The second group will be treated with liquid nitrogen cryotherapy, using spray 1-2 cm away from the lesion for

20-30 seconds, depending on the size of the wart to create a white halo around the wart as much as 1 mm.

Category

Treatment - Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Dermatology Clinic of Sina Hospital

Full name of responsible person

Sima Masoudnia

Street address

Dermatology ward, Sina Hospital, Azadi Ave.

City

Tabriz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research, Tabriz University of Medical Sciences

Full name of responsible person

AliReza Ostad Rahimi

Street address

Vice chancellor for research, Tabriz University of Medical Sciences, Daneshgah Avenue, Daneshgah Square

City

Tabriz

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, Tabriz 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

Tabriz University of Medical Sciences

Full name of responsible person

Sima Masoudnia

Position

Resident of Dermatology

Other areas of specialty/work

Street address

Dermatology ward, Sina Hospital, Azadi Ave

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simamasoudnia@yahoo.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Tabriz University of Medical Sciences

Full name of responsible person

Mehdi Amirnia

Position

Dermatologist/Associate professor

Other areas of specialty/work

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Dermatology ward, Sina Hospital, Azadi Ave.

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mehamiruo@gmail.com

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Tabriz University of Medical Sciences

Full name of responsible person

Behzad Izadseresht

Position

Medical Student

Other areas of specialty/work

Street address

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00

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b.izadseresht@yahoo.com

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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