

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Sep 2026

Comparison of the therapeutic effects of Euphorbia Helioscopia latex with cryotherapy on common and plantar warts

Protocol summary

Study aim

Comparison of the therapeutic Effect of euphorbia helioscopia latex with Cryotherapy in treatment of common and plantar warts

Design

we choose 100 patient with bilateral common and plantar warts and use cryotherapy for one side warts and use euphorbia helioscopia latex for the other side.

Settings and conduct

Place of study: Dermatology Clinic of Imam Khomeini Hospital in Ardebil 100 patients will be selected with bilateral warts. After obtaining informed consent from the patient and recording personal information, the size of the warts will be recorded with anatomical location and photos of the lesions. Then, for warts on the one side, cryotherapy and for the opposite side warts will be used topically the latex of euphorbia helioscopia. The treatment sessions will be repeated q 2 weeks and will be repeated for 3 times. Each time the size of the warts is recorded.

Participants/Inclusion and exclusion criteria

Participants include 5-40 y. old people .They have negative PMH. They have the right to participate in the study. They can be involved; Conditions of non entering and leaving the study include pregnancy, incontinence of uncontrolled side effects, dissatisfaction, failure to continue cooperation and ...

Intervention groups

the study includ,cryotherapy and topical use of the euphorbia helioscopia latex on common and plantar warts.

Main outcome variables

Determine the therapeutic Effect of euphorbia helioscopia latex on common and plantar warts;Determine the therapeutic efficacy of euphorbia helioscopia latex versus cryotherapy on common and plantar warts;Determnation of Side effect of the latex on common and plantar warts;Removing warts;Reducing in pain of therapy.

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20180807040734N1**

Registration date: **2018-10-14, 1397/07/22**

Registration timing: **registered_while_recruiting**

Last update: **2018-10-14, 1397/07/22**

Update count: **0**

Registration date

2018-10-14, 1397/07/22

Registrant information

Name

Ava Bohlouli

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 45 3345 2206

Email address

ava.bohlouli@arums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-08-06, 1397/05/15

Expected recruitment end date

2019-02-20, 1397/12/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of the therapeutic effects of Euphorbia Helioscopia latex with cryotherapy on common and plantar warts

Public title
Comparison of the therapeutic effects of Euphorbia Helioscopia latex with cryotherapy on common and plantar warts

Purpose
Treatment

Inclusion/Exclusion criteria
Inclusion criteria:
age 5-40 y. having bilateral common or plantar warts
negative PMH Collaboration can be provided to the patient by the end of the project The patient has the consent to cooperate
Exclusion criteria:
pregnancy any systemic diseases metabolic disorders and any positive PMH uncontrollable side effects Failure to continue cooperation by the patient

Age
From **5 years** old to **40 years** old

Gender
Both

Phase
2

Groups that have been masked
No information

Sample size
Target sample size: **100**

Randomization (investigator's opinion)
N/A

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 Ardebil University of Medical Sciences
Street address
University of medical since, Daneshgah Ave, Ardebil town
City
Ardebil
Province
Ardabil
Postal code

56189-85991

Approval date
2017-06-19, 1396/03/29

Ethics committee reference number
lr.arums.rec.1396.83

Health conditions studied

1

Description of health condition studied

common and plantar warts

ICD-10 code

B07

ICD-10 code description

Viral warts

Primary outcomes

1

Description

The amount of warts resized in response to treatment with euphorbia helioscopia latex and cryotherapy

Timepoint

In the first visit and after 2,4 and 6 w.and 6 months after the last session of treatment

Method of measurement

With colis the largest diameter of the warts is measured and with anatomical position is recorded.

Secondary outcomes

1

Description

Pain score during the treatment

Timepoint

At the first session of treatment

Method of measurement

A score 0 to 10 will be given by the patient separately for each treatment intervention in the first session.

Intervention groups

1

Description

Intervention group 1: one side plantar and common warts.intervention In this group is the use of Euphorbia helioscopia latex, fresh and topically proportional to the size of the warts surface (0.1 ml / mm 2), which is the first session, 2 and 4 weeks later. The maximum number of treatment sessions, like cryotherapy, will be 3 sessions; Intervention group 2: common and plantar warts in the otherside, intervention in this group will use cryotherapy with the prescribed therapeutic standards. It will be done at the first session and 2, 4 weeks later.The maximum number of treatment sessions will be 3 sessions.

Category

Treatment - Drugs

2

Description

Intervention group 2: common and plantar warts in the otherside, intervention in this group will use cryotherapy with the prescribed therapeutic standards. It will be done at the first session and 2, 4 weeks later. The maximum number of treatment sessions will be 3 sessions.

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Emam Khomeyni hospital

Full name of responsible person

Dr. Majid Rostami

Street address

No.19, West 14, Enghelab Ave, Ardebil Town

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5614891971

Phone

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Email

ava.bohlouli@arums.ac.ir

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Ardabil University of Medical Sciences

Full name of responsible person

Dr. Ghasem Golmohammadi

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Grant name

Grant code / Reference number

Is the source of funding the same sponsor

organization/entity?

Yes

Title of funding source

Ardabil University of Medical Sciences

Proportion provided by this source

70

Public or private sector

Public

Domestic or foreign origin

Domestic

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

Academic

Person responsible for general inquiries

Contact

Name of organization / entity

Ardabil University of Medical Sciences

Full name of responsible person

Dr. Majid Rostami

Position

Student

Latest degree

A Level or less

Other areas of specialty/work

General Practitioner

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Person responsible for scientific inquiries

Contact

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Ava Bohlouli

Position

Student

Latest degree

A Level or less

Other areas of specialty/work

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Person responsible for updating data

Contact

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Sharing plan

Deidentified Individual Participant Data Set (IPD)

Yes - There is a plan to make this available

Study Protocol

Undecided - It is not yet known if there will be a plan to

make this available

Statistical Analysis Plan

Undecided - It is not yet known if there will be a plan to make this available

Informed Consent Form

Yes - There is a plan to make this available

Clinical Study Report

Undecided - It is not yet known if there will be a plan to make this available

Analytic Code

Undecided - It is not yet known if there will be a plan to make this available

Data Dictionary

Undecided - It is not yet known if there will be a plan to make this available

Title and more details about the data/document

According to the subject, patients' information is reported in terms of gender, age, size and number of germs, response to treatment, and complications.without patients name...

When the data will become available and for how long

6 months after printing results

To whom data/document is available

Academic and academic researchers in the pharmaceutical industry

Under which criteria data/document could be used

Upon confirmation from the university, information will be provided to the applicant for further medication or further study.

From where data/document is obtainable

With the research unit of Ardabil University of medical sciences, Agree with Dr. Majid Rostami or me.09141599447

What processes are involved for a request to access data/document

Referring to Ardabil Medical School ... which will provide the necessary guidance

Comments