Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Nov 2026

Comparison the efficacy of Myrtus Communis L. and Descurainia Sophia L. as a method of traditional medicine versus salicylic acid in the treatment of wart

Protocol summary

Summary

The main purpose of this study is comparison of Myrtus Communis L. and Descurainia Sophia L. versus salicylic acid in the treatment of wart. This study is a quantitative randomized clinical trial with control groups. Patients are divided into 4 groups by table of randomized digits. Group1: salicylic acid 16.5 %, Group 2: salicylic acid 16.5 % & Descurainia Sophia L., Group 3: Myrtus Communis L. & Group 4: Myrtus Communis L. & Descurainia Sophia L. Inclusion criteria: 1) Patients between 6 and 45 years old 2) Patients who live in Yazd 3) Total number of warts <=20 and diameter <= 1 cm. Exclusion criteria: 1) Patients who are less than 6 years old and more than 45 years old 2) Pregnancy 3) Diabetus Mellitus (DM), nephropathy, cardiovascular diseases 4) Patients who use insulin or sulfonylureas drugs 5) Total number of warts >20 6) Warts on face 7) Anogenital warts 8) Wound or active dermatologic diseases on warts 9) Receiving any treatment during prior month 10) Patients disaffiliation. Target sample size is 100 who divided into 4 groups. 1) Salicylic acid 16.5% 2) Salicylic acid 16.5% and Descurainia Sophia L. 3) Salve of Myrtus Communis L. 4) Salve of Myrtus Communis L. and Descurainia Sophia L. The duration of the study is estimated to be about 12 months. Predicted primary outcomes: 1. Decrease the number of warts by observation 2. Decrease the size of warts in millimeter by ruler 3. Decrease the period of time that warts recovered after beginning of treatment 4. Decrease the relapse rate by observation

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2012092710947N1**
Registration date: **2012-12-17, 1391/09/27**
Registration timing: **na**

Last update:
Update count: **0**

Registration date

2012-12-17, 1391/09/27

Registrant information

Name
Elham Ghadami Yazdi
Name of organization / entity
School of Traditional Medicine, Tehran Univercity of Medical Sciences
Country
Iran (Islamic Republic of)
Phone
+98 35 1724 3788
Email address
e-ghadamiyazdi@razi.tums.ac.ir

Recruitment status

Not enough for processing

Funding source

Vice-Chancellor for Research (Tehran University of Medical Sciences)

Expected recruitment start date

2013-06-22, 1392/04/01

Expected recruitment end date

2013-04-21, 1392/02/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison the efficacy of Myrtus Communis L. and

Descurainia Sophia L. as a method of traditional medicine versus salicylic acid in the treatment of wart

Public title
Comparison of Myrtus Communis L. and Descurainia Sophia L. versus salicylic acid in the treatment of wart

Purpose
Treatment

Inclusion/Exclusion criteria
Inclusion criteria: 1) Patients between 6 to 45 years old 2) Patients who live in Yazd 3) Total number of wart <=20 and their largest diameter <= 1 cm. Exclusion criteria: 1) Patients less than 6 years old and more than 45 years old 2) Pregnancy 3) DM, nephropathy, cardiovascular diseases 4) Patients who use insulin or Sulfonylureas drugs 5) Total number of wart >20 6) Warts on face 7) anogenital warts 8) Wound or active dermatologic diseases on warts 9) Receiving any treatment during prior month 10) Patients disaffiliation.

Age
From **6 years** old to **45 years** old

Gender
Both

Phase
2

Groups that have been masked
No information

Sample size
Target sample size: **100**

Randomization (investigator's opinion)
Randomized

Randomization description

Blinding (investigator's opinion)
Not blinded

Blinding description

Placebo
Not used

Assignment
Factorial

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Ethics Committee of Research Institute for Islamic and Complementary Medicine (Tehran University of

Street address
No.9, Pirnia Dd.End, north Lalezar street, Jomhuri eslami Ave, Tehran, Iran

City
Tehran

Postal code

Approval date
2012-10-09, 1391/07/18

Ethics committee reference number
734/ب26/م/ط

Health conditions studied

1

Description of health condition studied
Wart

ICD-10 code
B07

ICD-10 code description
Viral warts

Primary outcomes

1

Description
The number of warts

Timepoint
Days 0, 20, 40 and 3 months after beginning of treatment

Method of measurement
Observation

2

Description
The size of warts

Timepoint
Days 0, 20, 40 and 3 months after beginning of treatment

Method of measurement
In millimeter by ruler

3

Description
The period of time that warts recovered after beginning of treatment

Timepoint
Days 0, 20, 40 and 3 months after beginning of treatment

Method of measurement
Day

4

Description
The relapse rate

Timepoint
Days 0, 20, 40 and 3 months after beginning of treatment

Method of measurement
Observation

Secondary outcomes

empty

Intervention groups

1

Description
1) 1 drop of 16.5 % salicylic acid on each wart, once daily for 40 days. The base of salicylic acid is flexible collodion 4%. Primary substances are obtained from Sepidaj Pharmaceutical co. Tehran.
Category
Treatment - Drugs

2

Description
2) 1 drop of 16.5 % salicylic acid on each wart, once daily for 40 days and Descurainia Sophia L. twice a day 4.5 grams (gr) with adequate boiling water till 3 months.
Category
Treatment - Drugs

3

Description
Salving leaves of Myrtus Communis L. that is processed by 1 x leaves of Myrtus Communis L. and 2 x water on each wart ,twice a day for 40 days
Category
Treatment - Drugs

4

Description
Salving leaves of Myrtus Communis L. that is processed by 1 x leaves of Myrtus Communis L. and 2 x water on each wart ,twice a day forl 40 days and Descurainia Sophia L. twice a day 4.5 gr with adequate boiling water till 3 months
Category
Treatment - Drugs

Recruitment centers

1

Recruitment center
Name of recruitment center
Farokhi Hospital
Full name of responsible person
Dr. Mohamad Ebrahim Zade Ardakani, Dermatologist, Professor assistant
Street address
Farrokhi Hospital, Farrokhi Ave., Yazd
City
Yazd

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Vice-Chancellor for Research (Tehran University of Medical Sciences)
Full name of responsible person
Akbar Fotuhi
Street address
Qods Street, Keshavarz Ave.,Tehran, Iran.
City
Tehran
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 (Tehran 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
School of Traditional Medicine, Tehran University of Medical Sciences
Full name of responsible person
Elham Ghadami Yazdi
Position
MD, PHD
Other areas of specialty/work
Street address
Behesht Ave., Vahdat eslami Ave, Tehran, Iran.
City
Yazd
Postal code
Phone
+98 35 1724 3788
Fax
Email
ELHAM_GHADAMI@YAHOO.COME-GHADAMIYAZDI@RAZI.TUMS.AC.IR
Web page address

Person responsible for scientific inquiries

Contact
Name of organization / entity
School of Traditional Medicine, Tehran University of Medical Sciences
Full name of responsible person
Elham Ghadami Yazdi
Position

MD, PHD

Other areas of specialty/work

Street address

No.28, Talar Honar Dd.End, Shahid Sadughi Ave., Bahonar Ave.,Yazd, Iran.

City

Yazd

Postal code

Phone

+98 35 1724 3788

Fax

Email

ELHAM_GHADAMI@YAHOO.COME-GHADAMIYAZDI@RAZI.TUMS.AC.IR

Web page address

Person responsible for updating data

Contact

Name of organization / entity

school of traditional medicine, Tehran university of medical sciences

Full name of responsible person

Elham Ghadami Yazdi

Position

MD, PHD

Other areas of specialty/work

Street address

No.28, Talar Honar Dd.End, Shahid Sadughi Ave., Bahonar Ave.,Yazd, Iran.

City

Yazd

Postal code

Phone

+98 72 43788

Fax

Email

ELHAM_GHADAMI@YAHOO.COME-GHADAMIYAZDI@RAZI.TUMS.AC.IR

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