Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Nov 2026

Double-blind, placebo-controlled clinical terial on efficacy of cream of turmeric extract on genital warts of women

Protocol summary

Study aim
The aim of this study was to evaluate the effect of cream containing turmeric extract on female genital warts.
Design
This study is a double-blind and controlled trial, 30 patients with genital warts are assigned in each group. In order to apply the concealment in the randomization process, unique codes will be used on the drug boxes.
Settings and conduct
All patients referred to Imam Khomeini Hospital of Abadan, Iran, were assigned randomly in one of the treatment regimens for 2 weeks.
Participants/Inclusion and exclusion criteria
Age over 4 years, no pregnancy and lactation, patient satisfaction and genital warts
Intervention groups
Intervention group: Cream containing turmeric extract
Control group: Cream containing synthetic allowed dyes
Main outcome variables
Dermatology life quality index Size of warts Number of warts

General information

Reason for update
Acronym
IRCT registration information
IRCT registration number: **IRCT20111105008013N10**
Registration date: **2020-11-23, 1399/09/03**
Registration timing: **retrospective**

Last update: **2020-11-23, 1399/09/03**
Update count: **0**
Registration date
2020-11-23, 1399/09/03

Registrant information
Name
Amir Siahpoosh
Name of organization / entity
Ahvaz Jundishapur University of Medical Sciences
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Iran (Islamic Republic of)
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Recruitment status
Recruitment complete
Funding source

Expected recruitment start date
2020-04-20, 1399/02/01
Expected recruitment end date
2020-08-26, 1399/06/05
Actual recruitment start date
2020-05-02, 1399/02/13
Actual recruitment end date
2020-08-22, 1399/06/01
Trial completion date
2020-08-22, 1399/06/01

Scientific title
Double-blind, placebo-controlled clinical terial on efficacy of cream of turmeric extract on genital warts of women

Public title
clinical terial on efficacy of cream of turmeric extract on genital warts of women
Purpose
Treatment
Inclusion/Exclusion criteria
Inclusion criteria:
age over 4 years old Patient satisfaction No pregnancy and lactation Having genital warts
Exclusion criteria:
wounds contaminated with excess materialspatients taking immune suppressive drugs such as corticosteroids , chemotheraputic drugs or undergoing radiation therapy

patients suffering from immune deficiency-associated diseases such as diabetes, cancer, or any metabolic disease patients suffering from any symptomatic infection

Age
From **4 years** old

Gender
Female

Phase
2-3

Groups that have been masked

- Participant
- Care provider

Sample size
Target sample size: **60**
Actual sample size reached: **60**

Randomization (investigator's opinion)
Randomized

Randomization description
Permuted block randomization with quadruple blocks. blocks are produced by use of the online site (www.sealedenvelope.com).

Blinding (investigator's opinion)
Double blinded

Blinding description
Unique codes, which is generated by the software, will be used on the drug boxes. By entering each individual into the study based on the produced sequence, the drug box in which the code is registered, will be assigned to the individual. During the research, the randomization list is held by the statistic consultant, and the participants, the project implementer and all those who participate in the measurement of the indicators will not be aware of the assigned groups

Placebo
Used

Assignment
Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Ethics committee of Ahvaz Jundishapur University of Medical Sciences

Street address
Esfand St., Farvardin Blvd., Golestan

City
ahvaz

Province
Khouzestan

Postal code
6135733184

Approval date
2020-03-15, 1398/12/25

Ethics committee reference number
IR.AJUMS.REC.1398.973

Health conditions studied

1

Description of health condition studied
Genital Wart

ICD-10 code
A63.0

ICD-10 code description
Anogenital (venereal) warts

Primary outcomes

1

Description
Dermatology life quality index

Timepoint
At the intervention begining, 7 and 14

Method of measurement
Dermatology life quality questionnaire

2

Description
Score in the Genital Wart Questionnaire

Timepoint
At the intervention begining, 7 and 14

Method of measurement
Genital warts questionnaire

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group: Cream containing turmeric extract (4 %), 3 times a day for one week

Category
Treatment - Drugs

2

Description
Control group: Cream containing synthetic allowed dyes,3 times a day for one week

Category
Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center
Dermatology ward of Imam Khomeini Hospital in Abadan

Full name of responsible person
Amir Siahpoosh

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Medicinal Plants Research Center and Deparment of Pharmacognosy, Faculty of Pharmacy, Ahvaz Jundishapur University of medical Sciences, Ahvaz, Iran

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Ahvaz University of Medical Sciences

Full name of responsible person
Dr mehdi ahmadi moghadam

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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
Ahvaz University of Medical Sciences

Proportion provided by this source
100

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
Ahvaz University of Medical Sciences

Full name of responsible person
Amir Siahpoosh

Position
Associate professor

Latest degree
Ph.D.

Other areas of specialty/work
Medical Pharmacy

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Person responsible for updating data

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Sharing plan

Deidentified Individual Participant Data Set (IPD)
Yes - There is a plan to make this available
Study Protocol
Yes - There is a plan to make this available
Statistical Analysis Plan
Yes - There is a plan to make this available
Informed Consent Form
Yes - There is a plan to make this available
Clinical Study Report
Yes - There is a plan to make this available
Analytic Code
Yes - There is a plan to make this available
Data Dictionary
Yes - There is a plan to make this available
Title and more details about the data/document
Only a part of data will be shared
When the data will become available and for how long
The access period will be 6 months after the publication of the results
To whom data/document is available
The information obtained will only be available to researchers working in universities and science centers
Under which criteria data/document could be used
Six months after the publication of this study papers, the obtained data will be available to the applicant researchers for further analysis
From where data/document is obtainable
Applicants can be contacted with corresponding author by e-mail
What processes are involved for a request to access data/document
Applicants will be able to access the obtained data from the current study by sending an email to the corresponding author up to one month
Comments