

Clinical Trial Protocol

Iranian Registry of Clinical Trials

21 Jul 2026

Comparison the efficacy of topical Rosemary4% (Rosmarinus Officinalis) solution with topical Erythromycine 4% solution in the treatment of mild to moderate Acne Vulgaris

Protocol summary

Summary

The main aim of this study is to evaluate the efficacy of Rosemary 4% solution in comparison with standard treatment of Acne Vulgaris in Iran. For this purpose we selected patients with Acne Vulgaris with history of maximum five years suffering. The candidate was not receiving any medication. Pregnant and breastfeed patients were Considered as Exclusion Criteriaes. This study was estimated to be done in nine months in dermatology clinic in Ahwaz Imam Khomeini Hospital. Upon the researched articles and the estimated effect of Rosemary on Acne Vulgaris in the sample size was calculated as sixty patients. This study is a double blind randomized clinical trial. The total lesion count of Acne Vulgaris is the Primary outcome in this study (Papule Pustule and Comedo).The side effect of Rosemary (Erythema , Dryness, Irritation, Bleeding, Skin Pigmentation and Hypo and Hyperbaric) is Considered the Secondary outcome. The patients are advised to apply solution twice a day on Acne's lesion . The patients were photographed every two weeks as a document .The total Acne's lesions were counted in the same period (two weeks) of time .The result would be evaluate by the data Analysis.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201110317962N1**
Registration date: **2012-06-21, 1391/04/01**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2012-06-21, 1391/04/01

Registrant information

Name

Afshin Kazerouni

Name of organization / entity

Ahvaz Jundishapur University Of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 61 1373 8383

Email address

kazerouni.a@ajums.ac.ir

Recruitment status

Recruitment complete

Funding source

Ahvaz Jundishapur University Of Medical Sciences

Expected recruitment start date

2012-01-21, 1390/11/01

Expected recruitment end date

2012-08-22, 1391/06/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison the efficacy of topical Rosemary4% (Rosmarinus Officinalis) solution with topical Erythromycine 4% solution in the treatment of mild to moderate Acne Vulgaris

Public title

Treatment Of Facial Acne By Topical Rosemary

Purpose

Treatment

Inclusion/Exclusion criteria

(Inclusion Criteria:Age No Limit; Both Sexes; Severity Of

Acne Mild To Moderate Acne)(Exclusion Criteria:Pregnancy; History Of Anti Acne Treatment;Duration More Than 5 Years)

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 60

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Double blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ahvaz Jundishapur University Of Medical Sciences

Street address

Ahvaz Jundishapur University Of Medical Sciences,Daneshgah Square, Golestan Boulevard

City

Ahvaz

Postal code

6135715794

Approval date

2011-10-08, 1390/07/16

Ethics committee reference number

ETH-236

Health conditions studied

1

Description of health condition studied

Mild to moderate Acne Vulgaris

ICD-10 code

L70.0

ICD-10 code description

Acne Vulgaris

Primary outcomes

1

Description

Clinical index including the number of Comedones

Timepoint

Every two weeks

Method of measurement

Count the lesions

2

Description

Clinical index including the number of Papules

Timepoint

Every two weeks

Method of measurement

Count the lesions

3

Description

Clinical index including the number of Pustules

Timepoint

Every two weeks

Method of measurement

Count the lesions

Secondary outcomes

1

Description

Symptoms include redness, dryness, irritation, bleeding, skin pigmentation and hypo and hyperbaric

Timepoint

Every two weeks

Method of measurement

Physical examination

Intervention groups

1

Description

Topical solution of Rosemary 4%, 2 times daily for 2 months, Topical use on Facial Acne

Category

Treatment - Drugs

2

Description

Topical solution of Erythromycin 4%, 2 times daily for 2 months, Topical use on Facial Acne

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Department Of Dermatology,Ahwaz Imam Khomeini Hospital

Full name of responsible person

Afshin Kazerouni

Street address

Department Of Dermatology,Ahwaz Imam Khomeini Hospital,Shahid Ahvazian Avenue,Azadegan Street

City

Ahvaz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice Chancellor For Research And Technology, Ahvaz Jundishapur University Of Medical Sciences

Full name of responsible person

Dr. Mostafa Feghhi

Street address

Ahvaz Jundishapur University Of Medical Sciences,Daneshgah Square, Golestan Boulevard

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Ahwaz

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 And Technology, Ahvaz Jundishapur 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

Ahvaz Jundishapur University Of Medical Sciences

Full name of responsible person

Afshin Kazerouni

Position

Resident of Dermatology

Other areas of specialty/work

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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