

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Sep 2026

Comparative Effectiveness of *Myrtus communis* and *Melissa officinalis* essential oil plants in the treatment of minor aphthous mouth.

Protocol summary

Summary

This study was a randomized, placebo- controlled trial to comparative effectiveness of *Myrtus communis* and *Melissa officinalis* essential oil plants in the treatment of minor aphthous mouth that main conditions entry to study: 1- More than four days since the beginning aphthous ulcers they not passed. 2- Before go for treatment of aphthous lesions are not using. 3- at the time of presentation of pain and irritation of the pest canker sores, which in the early days of Genesis is not diminished. 4- Patients must agree to cooperate with the project (Moral satisfaction). Conditions of leaving study: 1- Another solution is to use the drug for the treatment of pests. 2- Not recommended to use the drug according to patient. 3- Not referring a patient for re- examination. In this randomized double blind study with continuous sampling method, 137 patients with oral aphthous more than four days of aphthous ulcers had passed the order referred to in one of the group A (solution containing 5 percent *Myrtus communis* and *Melissa officinalis* in ethanol 80 °) and B (solution containing 10 percent *Myrtus communis* and *Melissa officinalis* in ethanol 80 °) or c (including placebo containing ethanol 80 °) groups And long recovery time, were examined daily by doctors.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201011205209N1**

Registration date: **2011-07-27, 1390/05/05**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2011-07-27, 1390/05/05

Registrant information

Name

Seyed Sina Eslami Raveshty

Name of organization / entity

Kimia drug pharmaceutical co

Country

Iran (Islamic Republic of)

Phone

+98 28 2289 7979

Email address

kimiadaru.pharmaceutical@yahoo.com

Recruitment status

Recruitment complete

Funding source

Kimia drug pharmaceutical co

Expected recruitment start date

2010-04-07, 1389/01/18

Expected recruitment end date

2010-08-21, 1389/05/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparative Effectiveness of *Myrtus communis* and *Melissa officinalis* essential oil plants in the treatment of minor aphthous mouth.

Public title

Effect of *Myrtus communis* and *Melissa officinalis* in pest treatment.

Purpose

Treatment

Inclusion/Exclusion criteria

Conditions of entry to study: 1- More than four days since the beginning aphthous ulcers they not passed. 2- Before go for treatment of aphthous lesions are not using. 3- at

the time of presentation of pain and irritation of the pest canker sores, which in the early days of Genesis is not diminished. 4- Patients must agree to cooperate with the project (Moral satisfaction). Conditions of leaving study: 1- Another solution is to use the drug for the treatment of pests. 2- Not recommended to use the drug according to patient. 3- Not referring a patient for re- examination.

Age

From **5 years** old to **80 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **137**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Double blinded

Blinding description

Placebo

Used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Kimia drug sina pharmaceutical co.

Street address

pouya complex Atarody Alley, Taleghani St, Imam komeini Blvd, Kimia drug sina pharmaceutical co

City

Abyek

Postal code

34979-34417

Approval date

2010-03-11, 1388/12/20

Ethics committee reference number

120888/3

Health conditions studied

1

Description of health condition studied

mouth Diseases

ICD-10 code

C00.3 ,C00

ICD-10 code description

Upper lip, inner aspect & Lower lip, inner aspect

Primary outcomes

1

Description

Recovery time

Timepoint

Daily

Method of measurement

Doctor Examination

Secondary outcomes

1

Description

irritation and pain

Timepoint

Daily

Method of measurement

Doctor Examination

Intervention groups

1

Description

Drug intervention is a combination of two plant of Myrtus communis and Melissa officinalis essential oil containing 5 percent essential oil of Myrtus communis and Melissa officinalis in is 80 degrees ethanol and duration of intervention of course from day to see a complete healing of aphthous lesions, wich is a continuing and instructions of use the frequency consumption of to 5 to 6 tims a day, about 10 drops of liquid poured onto a small piece of cotton and the period of 20 to 30 seconds on hold and aphthous lesions.

Category

Treatment - Drugs

2

Description

Placebo as a intervention of includes ethanol 80 degrees.

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Valiasr hospital abyek city.

Full name of responsible person

Dr seyed bahaaldin Eslami Raveshty.

Street address

The first phase of gods town valiasr hospital.

City

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Kimia drug sina pharmaceutical co.

Full name of responsible person

Seyed Sina Eslami Raveshty.

Street address

pouya complex Atarody Alley, Taleghani St, Imam komeini Blvd, Kimia drug sina pharmaceutical co

City

Abyek

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Kimia drug sina pharmaceutical co.

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

Kimia drug sina pharmaceutical co

Full name of responsible person

Seyed Sina Eslami Raveshty

Position

Engineering / kimia drug sina pharmaceutical co director of research and development

Other areas of specialty/work

Street address

pouya complex Atarody Alley, Taleghani St, Imam komeini Blvd, Kimia drug sina pharmaceutical co

City

Abyek

Postal code

34417-34979

Phone

+98 28 2289 7979

Fax

+98 28 2282 3500

Email

kimiadaru.pharmaceutical@yahoo.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Kimia drug sina pharmaceutical co

Full name of responsible person

Dr Seyed Bahaaldin Eslami Raveshty

Position

Doctor of pharmacy

Other areas of specialty/work

Street address

pouya complex Atarody Alley, Taleghani St, Imam komeini Blvd, Kimia drug sina pharmaceutical co

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+98 28 2282 3500

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Contact

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Email

kimiadaru.pharmaceutical@yahoo.com

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