Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Nov 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 aphtous 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 officialiss in ethanol 80 °) and B (solution containing 10 percent Myrtus communis and Melissa officialiss 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)
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+98 28 2289 7979
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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/د

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

Abyek

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Kimia drug sina pharmaceutical co.
Full name of responsible person
Seyed Sina Eslami Raveshty.
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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
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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