

Clinical Trial Protocol

Iranian Registry of Clinical Trials

30 Jul 2026

Comparison of the effect of mellissan Gel with Acyclovir cream for the treatment of recurrent herpes labialis

Protocol summary

Summary

The aim of this randomized double blind clinical trial was to compare the treatment efficacy of Melissan gel with cream of Acyclovir in the treatment of recurrent herpes labialis. In this study, 60 patients with history of recurrent herpes labialis among students and employers of Yazd dental school and residents of dormitory were randomly allocated into intervention or control group to receive melissan gel or Acyclovir cream, respectively. Intensity of pain, size of the lesion, inflammation, and healing were measured and compared between groups.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138708191442N1**
Registration date: **2011-09-24, 1390/07/02**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2011-09-24, 1390/07/02

Registrant information

Name

Hakimeh Ahadian

Name of organization / entity

Faculty of Dentistry, Yazd University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

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Email address

dr_ahadian@yahoo.com

Recruitment status

Recruitment complete

Funding source

Vice-Chancellor for Research, Yazd Shahid Sadoughi University of Medical Sciences, Yazd, Iran

Expected recruitment start date

2009-04-05, 1388/01/16

Expected recruitment end date

2010-03-16, 1388/12/25

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of the effect of mellissan Gel with Acyclovir cream for the treatment of recurrent herpes labialis

Public title

Gel of mellissan in the treatment of the cold sore

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: students of Yazd dental faculty with history of recurrent herpes labialis & individuals in Yazd medicine University dormitory with history of RHL
Exclusion criteria: history of allergy, RAUs, any systemic disease & drug consumption

Age

No age limit

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **50**

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

Dental Faculty, Yazd Shahid Sadoughi University of
Medical Sciences

Street address

Dahe Fajr Blvd., Yazd

City

Yazd

Postal code

Approval date

2009-04-11, 1388/01/22

Ethics committee reference number

4556/1/17/پ

Health conditions studied

1

Description of health condition studied

Recurrent herpes labialis

ICD-10 code

B00.1

ICD-10 code description

Herpesviral vesicular dermatitis, Herpes simplex facialis,
labialis

Primary outcomes

1

Description

Size of ulcer

Timepoint

1, 2, 4, 7 days

Method of measurement

extensions of ulcer in millimeter quare

Secondary outcomes

1

Description

The severity of pain

Timepoint

1, 2, 4, 7 days

Method of measurement

VAS

2

Description

Erythema around the lesion

Timepoint

1, 2, 4, 7 days

Method of measurement

Observation

Intervention groups

1

Description

Intervention group: Melissan gel, three times a day, for a
week

Category

Treatment - Drugs

2

Description

Control group: Acyclovir cream, three times a day, for a
week

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Shahid Sadoughi Dormitory, Dental Faculty, Yazd
Shahid Sadoughi University of Medical Sciences

Full name of responsible person

Dr. Hakimeh Ahadian

Street address

Dental Faculty, Yazd Shahid Sadoughi University of
Medical Sciences

City

Yazd

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Yazd Shahid Sadoughi University of Medical Sciences

Full name of responsible person

Dr Fatemeh Ezoddini Ardakani

Street address

Research Department, Building No 2, Yazd Shahid
Sadoughi University of Medical Sciences

City

Yazd

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Yazd Shahid Sadoughi 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

Dental Faculty, Yazd

Full name of responsible person

Dr Hakimeh Ahadian

Position

Assistant professor, Dental Faculty, Yazd Shahid Sadoughi University of Medical Sciences

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