Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Nov 2026

Effect of oral curcumin on the size, pain and burning sensation of oral lichen planus lesions

Protocol summary

Summary

The aim of this study was to determine the effect of 80 mg oral curcumin capsule, made by Eksir Nano Sina Company, on treatment of oral lichen planus of patients referred to center of oral and maxillofacial disease of guilan dentistry faculty. this study is accomplished, single blind, uni center, without any randomization and in 3th phase of clinical trial.13 patients with oral lichen planus without any systemic disease will be enrolled in this study. Patients didn't use local corticosteroid from 2 weeks ago and systemic corticosteroid from 1 last month they take a drug and then use oral curcumin for 1 month, once a day after breakfast. Pain, burning sensation and size of the lesions assess before taking drug, and at the end of 1,2,4,8 weeks after treatment. Inclusion criteria are patients with oral lichen planus, who are volunteer and confirmed by histopathological evaluation. exclusion criteria is pregnant women, breast feeding women, patients who take corticosteroid, patients with peptic ulcer, gall-bladder stone, increased hepatic enzyme, and patients who take anti coagulation drugs, like warfarin. Treatment intervention is Consumption 80 mg oral curcumin capsule once a day for 1month. Primary outcome measure is pain and burning sensation of lesions, and secondary outcome measure is size of the lichen planus lesions.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201607032950N4**
Registration date: **2016-10-29, 1395/08/08**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2016-10-29, 1395/08/08

Registrant information

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Recruitment status

Recruitment complete

Funding source
research vice chancellorship of guilan univesity of medical science

Expected recruitment start date
2016-07-10, 1395/04/20
Expected recruitment end date
2016-09-10, 1395/06/20
Actual recruitment start date
empty
Actual recruitment end date
empty
Trial completion date
empty

Scientific title

Effect of oral curcumin on the size, pain and burning sensation of oral lichen planus lesions

Public title

Effect of oral curcumin on the size, pain and burning sensation of oral lichen planus lesions

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: patients with oral lichen

planus(confirmed by clinical examination, biopsy and histopathological evaluation) exclusion criteria: pregnant woman, breast feeding woman, patients who take corticosteroid, patients with peptic ulcer, gall-bladder stone, increased hepatic enzyme, and patients who take anti coagulation drug, like warfarin.

Age
From **20 years** old to **70 years** old

Gender
Both

Phase
3

Groups that have been masked
No information

Sample size
Target sample size: **13**

Randomization (investigator's opinion)
N/A

Randomization description

Blinding (investigator's opinion)
Single blinded

Blinding description

Placebo
Not used

Assignment
Single

Other design features
single blind

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
ethics committee of guilan university of medical science

Street address
opposite of sepah bank, western shahid beheshti blv, rasht

City
rasht

Postal code

Approval date
2016-06-14, 1395/03/25

Ethics committee reference number
IR.GUMS.REC.1395.90

Health conditions studied

1

Description of health condition studied
oral lichen planus

ICD-10 code
L43

ICD-10 code description
Lichen planus

Primary outcomes

1

Description
pain and burning sensation

Timepoint
before using drug and 1,2,4,8 after using drug

Method of measurement
use of visual analogue scale(VAS)

Secondary outcomes

1

Description
Size of the lichen planus lesions

Timepoint
Before treatment and 1,2,4,8 week after treatment

Method of measurement
tongprasom scale(0-5)

Intervention groups

1

Description
Consumption 80 mg oral curcumin capsule once a day for 1 month

Category
Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center
dental school, guilan university of medical science

Full name of responsible person
Dr Seyad Javad Kia

Street address
pardis, imam str, rasht

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity
vice chancellor for research, guilan university of medical science

Full name of responsible person
Dr Rasool Tabari

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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
vice chancellor for research, guilan university of medical science
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
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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