

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Sep 2026

Studying the effect of Kermanshahi oil gel in treatment of chronic periodontitis

Protocol summary

Summary

In this study with the purpose of studying the efficacy of Kermanshahi oil gel in treatment of chronic periodontitis compared with Chlorehexidine gel , 20 patients with chronic periodontitis with at least three sites having probing depth of 5 to 7 mm ,were selected.in early phase , periodontal parameters including plaque index , pocket depth , clinical attachment loss , gingival index were measured. These indices were assessed within the recall period in two weeks after scaling and root planning. Following, chlorhexidine gel was injected in one site, kermanshahi oil gel was injected in another site and on the third site SRP was just performed. Periodontal packs were placed on the sites of injection to ensure that gels were remained until the following recall. The indices were remeasured within 30 and 45 days

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015122225649N1**
Registration date: **2016-03-04, 1394/12/14**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-03-04, 1394/12/14

Registrant information

Name

Masoome Eivazi

Name of organization / entity

Kermanshah University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 83 3822 8397

Email address

m.eivazi@kums.ac.ir

Recruitment status

Recruitment complete

Funding source

Kermanshah University of Medical Sciences

Expected recruitment start date

2015-11-22, 1394/09/01

Expected recruitment end date

2015-12-22, 1394/10/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Studying the effect of Kermanshahi oil gel in treatment of chronic periodontitis

Public title

Kermanshahi oil effect in treatment of gingival inflammation

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Good general health with no history of any systemic disease, No history of periodontal treatment during the last six month, No history of antibiotic therapy during 3 to 4 weeks before the study begins, No history of using mouthwash during the last 2 month;Exclusion criteria: Smokers , Pregnant or lactating females

Age

No age limit

Gender

Both

Phase

2-3

Groups that have been masked

No information

Sample size

Target sample size: 20

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Triple blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Dentistry school of Kermanshah University of Medical Sciences

Street address

Opposite of the Post office , Shora street , Shariati street

City

kermanshah

Postal code

Approval date

2016-01-05, 1394/10/15

Ethics committee reference number

KUMS.REC.1394.234

Health conditions studied

1

Description of health condition studied

chronic periodontitis

ICD-10 code

K05.3

ICD-10 code description

chronic periodontitis

Primary outcomes

1

Description

pocket depth

Timepoint

screen day,two weeks after intervention,thirty days after intervention,forty five days after intervention

Method of measurement

measuring the distance of pocket base to the gingival margin with periodontal probe

2

Description

CAL

Timepoint

screen day,two weeks after intervention,thirty days after intervention,forty five days after intervention

Method of measurement

measuring the distance of base of the pocket from CEJ

3

Description

gingival index

Timepoint

screen day,two weeks after intervention,thirty days after intervention,forty five days after intervention

Method of measurement

to evaluate conditions before and after phase one or surgical treatment

4

Description

plaque index

Timepoint

screen day,two weeks after intervention,thirty days after intervention,forty five days after intervention

Method of measurement

colored surfaces of tooth by disclosing agent

Secondary outcomes

empty

Intervention groups

1

Description

intervention group 1: CHX gel ,0.5cc

Category

Treatment - Drugs

2

Description

intervention group 2 kermanshahi oil gel ,0.5 cc

Category

Treatment - Drugs

3

Description

control group scaling and root planning

Category

Treatment - Other

Recruitment centers

1

Recruitment center

Name of recruitment center

periodontics,dentistry school of kermanshah
university of medical sciences

Full name of responsible person

Masoom Eivazi

Street address

Dentistry school , Shora street, Shariati street

City

Kermanshah

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Ethics committee of Kermanshah University of
Medical Sciences

Full name of responsible person

Kourosh Hamzei

Street address

Ethics Committee of Kermanshah University of Medical
Sciences,Shahidbeheshti Blvd

City

Kermanshah

Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Ethics committee of Kermanshah 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**

Kermanshah Dentistry School

Full name of responsible person

Dr.Masoom Eivazi

Position

assistant professor

Other areas of specialty/work**Street address**

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Phd

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Position

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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