Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Nov 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 ofiice , 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 gingval 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
Masoome 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 Hamzeei

Street address
Ethics Committe of Kermanshah University of Medical Sceinces,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.Masoome Eivazi

Position
assistant professor

Other areas of specialty/work

Street address
Opossite the post office , Shora street , Shariati street

City
Kermanshah

Postal code

Phone
+98 83 3722 2400

Fax

Email
m.eivazi@kums.ac.ir

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity
Kermanshah Dentistry School

Full name of responsible person
Dr.Masoome Eivazi

Position
Phd

Other areas of specialty/work

Street address
Shora street , Shariati street

City
Kermanshah

Postal code

Phone
+98 83 3722 2400

Fax

Email
m.eivazi@kums.ac.ir

Web page address

Person responsible for updating data

Contact

Name of organization / entity
Kermanshah Dentistry School

Full name of responsible person
Dr.Masoome Eivazi

Position
Assistant Professor

Other areas of specialty/work

Street address
Opossite the post office , Shora street , Shariati street

City
Kermanshah

Postal code

Phone
+98 83 3722 2400

Fax

Email
m.eivazi@kums.ac.ir

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