Clinical Trial Protocol
Iranian Registry of Clinical Trials

11 Jul 2026

Evaluation Non-surgical treatment effect on Salivary Interleukin 6 and Interleukin 17 in patients with chronic periodontitis

Protocol summary

Summary

In early phase, periodontal parameters including plaque index, pocket depth, clinical attachment loss and bleeding on probing were measured. All participants (study and control groups) received full written and verbal information about the study and signed the informed consent form. Control samples conform the same age and sex with no history of any systemic and periodontal diseases. Five ml non simulatory saliva was collected after scaling. Samples collected in a certain time of the day. Patients should not eat, chew gum and drink fluids except water 1 hour before sampling. Following, patients undergo non surgical treatment and oral hygiene construction. Second salivary samples will be collected and the indices will be evaluated 1 month after scaling. Samples will be kept at temperature -20 C.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016053025649N5**
Registration date: **2016-06-09, 1395/03/20**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2016-06-09, 1395/03/20

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

2016-02-04, 1394/11/15

Expected recruitment end date

2016-03-05, 1394/12/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation Non-surgical treatment effect on Salivary Interleukin 6 and Interleukin 17 in patients with chronic periodontitis

Public title

Scaling effect on 2 salivary factors in patients with gingival inflammation

Purpose

Diagnostic

Inclusion/Exclusion criteria

Inclusion criteria: good general health with no history of any systemic disease, no history of antibiotic therapy during 2 months before the study begins; no history of NSAID therapy. Exclusion criteria: smoking or alcohol abuse; patients with mucousal inflammatory lesions such as lichen planus or salivary glands disorders; pregnant or lactating females.

Age

From **18 years** old to **99 years** old

Gender

Both

Phase
N/A
Groups that have been masked
No information
Sample size
Target sample size: **30**
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
Ethics Committee of Kermanshah University of Medical Sciences
Street address
Ethics Committee of Kermanshah University of Medical Sciences, Shahid Beheshti Blvd
City
Kermanshah
Postal code
Approval date
2016-05-25, 1395/03/05
Ethics committee reference number
KUMS.REC.1395.136

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
IL-6
Timepoint
1 month after scaling
Method of measurement
Mesured by specialized ELISA KIT

2

Description
IL-17
Timepoint
1 month after scaling
Method of measurement
Mesured by specialized ELISA KIT

3

Description
pocket depth
Timepoint
screening day , 1 month after scaling
Method of measurement
Mesuring the distance of pocket base to the gingival margin with periodontal probe

4

Description
clinical attachment loss
Timepoint
screening day , 1 month after scaling
Method of measurement
Mesuring the distance of pocket base to the CEJ. Any changes in this normal amount is defined as clinical attachment loss.

5

Description
plaque index
Timepoint
screening day , 1 month after scaling
Method of measurement
colored surfaces of tooth by disclosing agent

6

Description
bleeding on probing
Timepoint
screening day , 1 month after scaling
Method of measurement
Observe bleeding after probing

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group: scaling and root planning
Category
Treatment - Other

2

Description

Control group: collecting saliva samples

Category

N/A

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

Kermanshah Uninersity of Medical Sciences

Full name of responsible person

Kourosh Hamzeei

Street address

Kermanshah Uninersity of Medical Sciences , Shahid Beheshti Blvd

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Kermanshah

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Kermanshah Uninersity 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

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PhD

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Person responsible for updating data

Contact

Name of organization / entity

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Dr. Masoome Eivazi

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Other areas of specialty/work

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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