

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Sep 2026

A comparative study on effect of periodontal surgery with routine periodontal therapy on reduction of serum concentration of CRP

Protocol summary

Summary

This randomized clinical trial will be conducted to assess the role of periodontal surgery on C-reactive proteins in comparison with routine treatment in the patients with average to progressive generalized periodontal. In this study eighty patients will be recruited who are 28-37 years old with average to progressive generalized periodontal and will randomly be divided to two groups. The control group will be treated by current periodontal and surgery in the intervention group. The medical and periodontal parameters, before and six months after treatment will be measured and compared between groups.

General information

Acronym

crp

IRCT registration information

IRCT registration number: **IRCT201101291606N2**

Registration date: **2011-05-14, 1390/02/24**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2011-05-14, 1390/02/24

Registrant information

Name

Jalaleddin Hamissi

Name of organization / entity

Qazvin University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 28 1335 3064

Email address

jhamissi@qums.ac.ir

Recruitment status

Recruitment complete

Funding source

Ghazvin University of Medical Sciences

Expected recruitment start date

2007-08-22, 1386/05/31

Expected recruitment end date

2008-06-19, 1387/03/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

A comparative study on effect of periodontal surgery with routine periodontal therapy on reduction of serum concentration of CRP

Public title

Effect of periodontal surgery on reduction of serum concentration of CRP

Purpose

Treatment

Inclusion/Exclusion criteria

]Inclusion critria: having periodontal disease. Exclusion criteria: Any systemic diseases

Age

From **28 years** old to **37 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **80**

Randomization (investigator's opinion)

Randomized

Randomization description**Blinding (investigator's opinion)**

Not blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features**Secondary Ids**

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Qazvin University of Medical Sciences

Street address

Bvl Shahid Bahonar

City

Qazvin

Postal code**Approval date**

2007-08-20, 1386/05/29

Ethics committee reference number

334

Health conditions studied**1****Description of health condition studied**

periodontal disease

ICD-10 code

K05.2

ICD-10 code description

Acute periodontitis

Primary outcomes**1****Description**

C reactive protein

Timepoint

At the beginning of the study and at the sixth month

Method of measurement

Lab test

Secondary outcomes

empty

Intervention groups**1****Description**

Intervention group: periodontal surgery

Category

Treatment - Surgery

2**Description**

Control group: non surgical standard treatment

Category

Treatment - Other

Recruitment centers**1****Recruitment center****Name of recruitment center**

Dental Faculty, Ghazvin University of Medical Sciences

Full name of responsible person

Dr. Jalaladin Hamissi

Street address

Blv Shahid ba honar

City

Qazvin

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Qazvin University of Medical Sciences

Full name of responsible person

j Hamissi

Street address

bvl: Shahid ba honar

City

Qazvin

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

Yes

Title of funding source

Qazvin 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

Qazvin University of Medical Sciences

Full name of responsible person

J Hamissi

Position

Assistant professor

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

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Full name of responsible person

J Hamissi

Position

Assistant professor

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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