

Clinical Trial Protocol

Iranian Registry of Clinical Trials

29 Jul 2026

Clinical effect of Parodontax dentifrice on the control of gingivitis and dental plaque

Protocol summary

Summary

The purpose of the present study was to compare clinical effectiveness of Parodontax and Crest complete toothpastes in controlling gingival inflammation and microbial plaque. This double-blind clinical trial was performed on 40 individuals, who had referred to Periodontics Department of Shahed Dental School. The participants had gingival inflammation, no history of antibiotic consumption in 3 month before and during the study and were non-smoker. The patients were randomly allocated into either the test group (n=20, Parodontax) or the control group (n=20, 7 Crest Complete). Turesky's plaque index and Loe and Silness's gingival index were used to evaluate microbial dental plaque and gingivitis at the baseline and one month after dentifrices' application.

Email address

sadeghi@shahed.ac.ir

Recruitment status

Recruitment complete

Funding source

Shahed Dental School

Expected recruitment start date

2009-02-27, 1387/12/09

Expected recruitment end date

2009-08-30, 1388/06/08

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201008244621N1**

Registration date: **2010-09-30, 1389/07/08**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2010-09-30, 1389/07/08

Registrant information

Name

Rokhsareh Sadeghi

Name of organization / entity

Shahed Dental School

Country

Iran (Islamic Republic of)

Phone

+98 21 8895 9210

Scientific title

Clinical effect of Parodontax dentifrice on the control of gingivitis and dental plaque

Public title

Clinical effect of Parodontax dentifrice on the control of gingivitis and dental plaque

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: gingival inflammation, having at least 15 teeth, no smoking Exclusion criteria: orthodontic appliances, systemic disease, antibiotic therapy during last 3 months

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 20

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**

Shahed Dental School

Street address

Italia Str., Vesal Ave.,

City

Tehran

Postal code

1417755351

Approval date

2009-02-24, 1387/12/06

Ethics committee reference number

456

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

Gingival inflammation

ICD-10 code

K05.1

ICD-10 code description

Chronic gingivitis

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

The amount of dental plaque

Timepoint

one month

Method of measurement

Turesky plaque index

2**Description**

Gingival inflammation

Timepoint

one month

Method of measurement

Loe & Silness gingival index

Secondary outcomes**1****Description**

toothpaste taste

Timepoint

one month

Method of measurement

questionnaire

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

Parodontax toothpaste using for one month according to the oral habit

Category

Treatment - Drugs

2**Description**

Crest toothpaste using for one month according to the oral habit

Category

Treatment - Drugs

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

Shahed Dental School

Full name of responsible person

Dental student

Street address

Italia St., Vessal Ave.,

City

Tehran

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

Shahed Dental School

Full name of responsible person

Hojati

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Italia St., Vessal Ave.

City

Tehran

Grant name

-

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

Yes

Title of funding source

Shahed Dental School

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**

Shahed Dental School

Full name of responsible person

Rokhsareh Sadeghi

Position

Assistant Professor

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

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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