

Clinical Trial Protocol

Iranian Registry of Clinical Trials

19 Sep 2026

The Comparison of Farmentin and combined Amoxicillin-Metronidazole in the treatment of Moderate Chronic Periodontitis

Protocol summary

Summary

The aim of this study is to compare Amoxicillin-Metronidazole effects with Farmentin (a new compound of Co-Amoxiclave) in the treatment of moderate chronic periodontitis. In this single blind trial, 60 patients (30 females and 30 males) with chronic moderate periodontitis were evaluated. SRP and OHI were done for all patients similarly. Patients were divided into three groups to receive Farmentin or Amoxicillin plus Metronidazole for one week or nothing in the control group. Periodontal Disease Index (PDI), Gingival Index (GI), Modified Papillary Bleeding Index (MPBI), plaque index (PLI) and Probing packet Depth (PPD) were measured at the baseline, a week after scaling and before taking medicine, 1, 3, and 6 weeks after taking medicine and 2, 3 months later.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138902073813N1**

Registration date: **2006-02-20, 1384/12/01**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2006-02-20, 1384/12/01

Registrant information

Name

Niloofer Jenabian

Name of organization / entity

Dental Faculty of University of Babol University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 11 1229 1408

Email address

n.jenabian@mubabol.ac.ir

Recruitment status

Recruitment complete

Funding source

Dental Faculty of Babol University of Medical Sciences

Expected recruitment start date

2006-02-20, 1384/12/01

Expected recruitment end date

2008-11-03, 1387/08/13

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Comparison of Farmentin and combined Amoxicillin-Metronidazole in the treatment of Moderate Chronic Periodontitis

Public title

Farmentin comparing with Amoxicillin-Metronidazole in the treatment of Moderate Periodontitis

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Age between 30-50, at least one pocket with PPD>4mm in each quadrant Excluding criteria: Systemic Disease Involvement, History of Antibiotic therapy during last 6 month

Age

From **30 years** old to **50 years** old

Gender

Both

Phase

Groups that have been masked*No information***Sample size**

Target sample size: 60

Randomization (investigator's opinion)

Randomized

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

Not blinded

Blinding description**Placebo**

Used

Assignment

Parallel

Other design features**Secondary Ids**

empty

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

Ethics committee of University of Babol Medical Science

Street address

Babol University of Medical Sciences, Ganjafrooz st.

City

Babol

Postal code

4717641367

Approval date

empty

Ethics committee reference number

694

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

Moderate Periodontitis

ICD-10 code

K05.3

ICD-10 code description

Chronic Periodontitis

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

Periodontal Disease Index

Timepoint

Baseline, one, three, and six weeks, two and three months after the intervention

Method of measurement

Periodontal Disease Index Russel

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

|Bleeding Index

Timepoint

Baseline, one, three, and six weeks, two and three months after the intervention

Method of measurement

Bleeding Index Barnett

2**Description**

Gingival Index

Timepoint

Baseline, one, three, and six weeks, two and three months after the intervention

Method of measurement

Gingival Index Loe & Silness

3**Description**

plaque index

Timepoint

Baseline, one, three, and six weeks, two and three months after the intervention

Method of measurement

plaque index Silness & Loe

4**Description**

probing pocket depth

Timepoint

Baseline, one, three, and six weeks, two and three months after the intervention

Method of measurement

Periodontal Probe

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

Farmentin suspension 457mg, BD, for 7 days

Category

Treatment - Drugs

2**Description**

Amoxicillin, capsule 500mg plus Metronidazole tablet 250mg, three times a day, for 7 days

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Dental Faculty

Full name of responsible person

Niloofer Jenabian

Street address

Felestin st., Velayat sq.

City

Babol

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Dental Faculty

Full name of responsible person

Niloofer Jenabian

Street address

Felestin st., Velayat sq.

City

Babol

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Dental Faculty

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

Person responsible for scientific inquiries

Contact

Name of organization / entity

Dental Faculty of Babol University of Medical Sciences

Full name of responsible person

Niloofer Jenabian

Position

Periodontology Board

Other areas of specialty/work

Street address

Felestin st., Velayat sq.

City

Babol

Postal code

Phone

+98 11 1229 1408

Fax

+98 11 1229 1093

Email

njenabian@hotmail.com

Web page address

Person responsible for updating data

Contact

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