

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

The Effect Of Biocurcumax TM Curcumin (BCM-95) In Patients With Moderate Chronic Periodontitis

Protocol summary

Summary

the periodontal disease is a common cause of dentoalveolar problems and curcumin has an antioxidant and anti-inflammatory properties and it can protect from oxidative stress and relief the pain. so this study tries to evaluate the effect of curcumin in clinical parameter after scaling and root planning in the patient with moderate chronic periodontitis. the samples are selected from the patients who refer to dental faculty of babol. The clinical parameters gingival index (GI) Loe and Silness, Bleeding index (BI) Mombelli, the probe depth and the clinical level would be recorded in the beginning of the study and the 8 weeks and 4 months later. All the patients would be under scaling and root planning. The group of patients after the scaling and root planning would take BCM-95 Curcumin 500mg twice daily as oral capsules for 8 months. The ones of the control group would take the placebo. For blinding we will use same color capsule in same and coded boxes. after finishing the plan and statistical analysis, the codes are declared. Using the SPSS statistical software and the T-Test statistical tests, the difference between the data would be analyzed. the control group take placebo. patients, analyzer, and practitioner don't know which group receives placebo.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014070918413N2**
Registration date: **2014-08-14, 1393/05/23**
Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2014-08-14, 1393/05/23

Registrant information

Name

Farhad Dabbagh Sattari

Name of organization / entity

Babol University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 11 4422 1555

Email address

fdabbaghsattari@mubabol.ac.ir

Recruitment status

Recruitment complete

Funding source

babol university of medical science, the drug producer company

Expected recruitment start date

2014-09-23, 1393/07/01

Expected recruitment end date

2015-09-23, 1394/07/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Effect Of Biocurcumax TM Curcumin (BCM-95) In Patients With Moderate Chronic Periodontitis

Public title

The Effect Of Biocurcumax TM Curcumin (BCM-95) In Patients With Moderate Chronic Periodontitis

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: In the present clinical trial study, 30 patients who are systemically healthy, but suffering from moderate chronic Periodontitis were selected. They had

at least one periodontal pocket of a probe depth of 4-6 millimeters in each quadrant and bleeding during the probe. The patients who had a background of tooth scaling and root planning within the past 12 months; Exclusion criteria: those with high risk medical conditions, pregnant or breast feeding mothers, those who were cured with antibiotics or anti-inflammatory, antioxidants, or anti TNF- α within the past 6 months, as well as the presently smokers and those who have quit smoking within 1 year of the study, are not included in the research.

Age

No age limit

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)**

Triple blinded

Blinding description**Placebo**

Used

Assignment

Parallel

Other design features**Secondary Ids**

empty

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

Babol University of Medical Science, Vice Chancellor for Research and Technology

Street address

Babol, Ganj Afrouz Street, Babol University of Medical Science, Vice Chancellor for Research and Technology

City

babol

Postal code**Approval date**

2014-06-03, 1393/03/13

Ethics committee reference number

4232

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**

gingival index

Timepoint

0, 8 week later,4 month later

Method of measurement

the method of silness&loe,using periodontal probe

2**Description**

clinical attachment level

Timepoint

0, 8 weeks later,4 month later

Method of measurement

with probe

3**Description**

gingival sulcus bleeding index

Timepoint

0 ,8weeks later,4 month later

Method of measurement

after using probe,wait for 15 seconds

4**Description**

probinf pocket depth

Timepoint

0, 8weeks later ,4 month later

Method of measurement

probe periodontal

Secondary outcomes

empty

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

in cases for 4 weeks, two capsules(500mg) within meal will be given.

Category

Treatment - Drugs

2**Description**

in the control group for 4 weeks 2 Placebo capsules with meals will be given.

Category
Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center

Babol University of Medical Science, Faculty of Dentistry, Department of Periodontics

Full name of responsible person

hedieh ehsani

Street address

Babol, Ganj Afruz Street, Babol University of Medical Science

City

babol

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Babol University of Medical Science, Vice Chancellor for Research and Technology

Full name of responsible person

Hedieh Ehsani

Street address

Babol University of Medical Science, Ganj Afruz Street, Babol

City

Babol

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Babol University of Medical Science, Vice Chancellor for Research and Technology

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

Babol University of Medical Science

Full name of responsible person

Hedieh Ehsani

Position

student

Other areas of specialty/work

Street address

Babol University of Medical Science, Ganjafruz street, Babol

City

Babol

Postal code

Phone

+98 11 3222 4032

Fax

Email

hediehehsani9@gmail.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Babol University of Medical Science

Full name of responsible person

Farhad DabbaghSattari

Position

Periodontologist

Other areas of specialty/work

Street address

Babol University of Medical Science, Ganjafruz street, Babol

City

Babol

Postal code

Phone

+98 11 3222 4032

Fax

Email

hediehehsani9@gmail.com

fdabbaghsattari@yahoo.com

Web page address

www.mubabol.ac.ir

Person responsible for updating data

Contact

Name of organization / entity

Full name of responsible person

Hedieh Ehsani

Position

Other areas of specialty/work

Street address

City

Postal code

Phone

00

Fax

Email

hediehehsani9@gmail.com

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