

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Sep 2026

Comparison Of Oral Chlorhexidine With Green Tea In Treatment Of Patients With Chronic Generalized Periodontitis

Protocol summary

Summary

This study aims to compare the effects of Chlorhexidine mouthwash and green tea for treatment of patients with chronic generalized moderate periodontitis. The present study is random double-blind one which includes two parallel control groups treated by placebo. The study made on population included patients with periodontitis referred to sari dental school The total volume of samples is 40 individuals and the intervention is aimed to compare green tea mouthwash efficacy with chlorhexidine and placebo mouthwashes in 3 weeks of intervention. the primary outcomes of this intervention consists of reduction in plaque, gingival and bleeding indices,.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017061434314N2**

Registration date: **2017-10-25, 1396/08/03**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2017-10-25, 1396/08/03

Registrant information

Name

Ashena Sadrzadeh

Name of organization / entity

Mazandaran university of medical sciences

Country

Iran (Islamic Republic of)

Phone

+98 11 4225 1888

Email address

m.babaei@mazums.ac.ir

Recruitment status

Recruitment complete

Funding source

Mazandaran University Of Medical Sciences

Expected recruitment start date

2017-01-20, 1395/11/01

Expected recruitment end date

2017-02-19, 1395/12/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison Of Oral Chlorhexidine With Green Tea In Treatment Of Patients With Chronic Generalized Periodontitis

Public title

Comparison of Chlorhexidine and Green Tea in Chronic Periodontitis

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion Criteria Inclusion criteria includes all non-smoking patients that are healthy systematically and have more than 20 teeth with middle chronic periodontitis. Exclusion Criteria pregnant mothers ; breastfeeding woman; patients with history of treatment with antibiotics; anti-inflammation drugs ; anti-oxidant drugs ; anti TNF-a treatments during the last 6 months

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked
No information

Sample size
Target sample size: **40**

Randomization (investigator's opinion)
Randomized

Randomization description

Blinding (investigator's opinion)
Double blinded

Blinding description

Placebo
Used

Assignment
Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethical Commite, Mazandaran University Of Medical Sciences

Street address

Shahid Motahari Square, Moalem Street

City

Sari

Postal code

48157-3391

Approval date

2010-09-23, 1389/07/01

Ethics committee reference number

IR.MAZUMS.REC.95.2442

Health conditions studied

1

Description of health condition studied

Chronic Periodontitis

ICD-10 code

K04.5

ICD-10 code description

Chronic apical periodontitis

Primary outcomes

1

Description

Plaque index

Timepoint

Zero,one week,three week

Method of measurement

Check list(periodontal probe)

2

Description

Gingival index

Timepoint

Zero,one week,three week

Method of measurement

Check list(periodontal probe)

3

Description

Gingival Sulcus Bleeding index

Timepoint

Zero,one week,three week

Method of measurement

Check list(wait 15 seconds after pocket probe)

4

Description

Probing Pocket Depth

Timepoint

zero,one week,three week

Method of measurement

check list(periodontal probe)

5

Description

Clinical Attachment Loss

Timepoint

zero,one week,three week

Method of measurement

check list(periodontal probe)

Secondary outcomes

empty

Intervention groups

1

Description

Group case for three weeks will be used Green tea mouthwash.

Category

Placebo

2

Description

The use of chlorhexidine %0.2 in the group for three weeks

Category

Placebo

3

Description

The use of Serum 0.09 in the control group for three weeks

Category

Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center

Mazandaran University of Medical Sciences

Full name of responsible person

Doctor Hadis Ehsani

Street address

Babol Street, Qaemshahr

City

Sari

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Mazandaran university of medical sciences

Full name of responsible person

Doctor Ahmad ali Enayati

Street address

Moalem Square

City

Sari

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Mazandaran 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

Mazandaran University of Medical Sciences

Full name of responsible person

Dr.Hadis ehsani

Position

Periodontist

Other areas of specialty/work

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hehsani@mazums.ac.ir

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Person responsible for scientific inquiries

Contact

Name of organization / entity

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Web page address

Person responsible for updating data

Contact

Name of organization / entity

Mazandaran University of Medical Sciences

Full name of responsible person

Dr.Hadis Ehsani

Position

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Street address

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Email

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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