

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

02 Jun 2026

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

#### Protocol summary

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##### 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,.

##### 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

#### 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

##### 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**

**Street address**

Babol Street, Qaemshahr

**City**

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**Postal code**

**Phone**

+98 911 854 7442

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hehsani@mazums.ac.ir

**Web page address**

## Person responsible for scientific inquiries

### Contact

**Name of organization / entity**

Mazandaran University of Medical Sciences

**Full name of responsible person**

Dr.Hadis Ehsani

**Position**

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**Other areas of specialty/work**

**Street address**

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## Person responsible for updating data

### 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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## 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*