

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

Comparison of the effects of chlorhexidine mouthwash with Jaftex in periodontal index in Dental students of Ahvaz University of Medical Sciences

Protocol summary

Summary

The aim of present study is to evaluate the effects of Chlorhexidine (CHX) and Jaftex mouthwashes on periodontal indices. This study is designed as a double blind clinical trial including 20 healthy students Volunteer. The exclusion criteria will be participants with any systemic and periodontal disease. The students will be randomly divided into two groups. Group A: participants will receive CHX mouthwash; Group B: participants will take Jaftex mouthwash. Students will be asked to use 15cc of mouthwashes twice daily (every two minutes) for a period of two weeks. Students will be examined before taking the mouthwashes and two weeks later. And clinical periodontal indices including plaque index (The index O'leary), gingival index (Loe & Silness) and dental staining index (Stain index) will be recorded.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016050919698N3**

Registration date: **2016-09-04, 1395/06/14**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-09-04, 1395/06/14

Registrant information

Name

Fatemeh Babadi

Name of organization / entity

Ahvaz jundi Shapur University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 61 3320 5319

Email address

babadi-f@ajums.ac.ir

Recruitment status

Recruitment complete

Funding source

Ahvaz Jundi Shapur University of Medical Sciences

Expected recruitment start date

2016-04-07, 1395/01/19

Expected recruitment end date

2016-08-09, 1395/05/19

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of the effects of chlorhexidine mouthwash with Jaftex in periodontal index in Dental students of Ahvaz University of Medical Sciences

Public title

Comparison of the effects of chlorhexidine mouthwash with Jaftex in periodontal index: A pilot study

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: Health Persons exclusion criteria: the presence of systemic disease; smoking; periodontal disease; taking antibiotics; and other mouthwashes in the past three months.

Age

No age limit

Gender

Male

Phase

2-3

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

Ethics Committee Ahwaz Jundi Shapur University Of Medical Sciences

Street address

Jundi Shapur University Of Medical Sciences, Golestan street, Ahwaz

City

Ahwaz

Postal code

Approval date

2015-02-07, 1393/11/18

Ethics committee reference number

ajums.REC.1393.415

Health conditions studied

1

Description of health condition studied

periodontal Condition

ICD-10 code

K05

ICD-10 code description

Gingivitis and periodontal diseases

Primary outcomes

1

Description

areas of staining

Timepoint

before and two after use

Method of measurement

All surfaces are divided into three parts. The total score is calculated for various levels divided by four

2

Description

Gingival Index

Timepoint

before and two after use

Method of measurement

loe & Silness index

3

Description

Plaque Index

Timepoint

before and two after use

Method of measurement

The O'Leay index

4

Description

Stain index Intensity

Timepoint

before and two after use

Method of measurement

Numerical scale. From zero to 3

Secondary outcomes

empty

Intervention groups

1

Description

Intervention Groups: JafTex, The mouthwash twice a day for two weeks

Category

Prevention

2

Description

Control group: Chlorhexidine, The mouthwash twice a day for two weeks

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

Ahwaz Jundi Shapur University Of Medical Sciences School Of Dental Medicine

Full name of responsible person

Dr Fatemeh Babadi

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Jundi Shapur University Of Medical Sciences, Golestan street, Ahwaz

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Ahwaz

Fatemeh.babadi@yahoo.com,

Fatemehbabadi@gmail.com

Web page address**Sponsors / Funding sources****1****Sponsor****Name of organization / entity**

Vice chancellor for research, Ahwaz Jundi Shapur University of Medical Sciences

Full name of responsible person

Dr Mohammad Mousavi

Street address

Jundi Shapur University Of Medical Sciences, Golestan street, Ahwaz

City

Ahwaz

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

Yes

Title of funding source

Vice chancellor for research, Ahwaz Jundi Shapur 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**

Ahwaz Jundi Shapur University of Medical Sciences

Full name of responsible person

Dr Fatemeh Babadi

Position

Asistant Professor Of Oral And Maxillofatioal Medicen

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Specialist Oral And Maxillofatioal Disease

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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