

# 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

**Street address**

Jundi Shapur University Of Medical Sciences, Golestan street, Ahwaz

**City**

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

**Other areas of specialty/work****Street address**

Jundi Shapur University Of Medical Sciences, Golestan street, Ahwaz

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+98 61 3320 5319

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**Email****Person responsible for scientific inquiries****Contact****Name of organization / entity**

Ahwaz Jundi Shapur University of Medical Sciences

**Full name of responsible person**

Dr Fatemeh Babadi

**Position**

Specialist Oral And Maxillofatioal Disease

**Other areas of specialty/work****Street address**

Jundi Shapur University Of Medical Sciences, Golestan street, Ahwaz

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Fatemeh.babadi@yahoo.com,

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**Web page address****Person responsible for updating data****Contact****Name of organization / entity**

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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*