Clinical Trial Protocol
Iranian Registry of Clinical Trials

09 Nov 2026

The effect of persica (herbal oral rinse) on halitosis in patient visiting shiraz dental school-2011

Protocol summary

Summary

Halitosis or bad breath that is unpleasant to be emitted from the mouth of a person, regardless of whether material in the smelly breath, originated from inside or outside of the mouth. Systemic diseases such as diabetes, respiratory diseases,and gastrointestinal diseases such as gastro- esophageal reflux are problems of outside the mouth, And diseases such as dental caries, periodontal disease and the tongue coating are considered as oral causes. Routine treatments for these patients are recommended to refer to specialists to cure the extra oral causes. Or refer to peridontologist for scaling and root planning or Periodontal surgery. An easier and less costly way, perhaps not too much attention is giving health protocols, including the use of toothbrushes and dental floss and Persica herbal mouthwash pharmacies that are available, with proven and appropriate therapeutic effect on gingivitis, mouth sores and reduce the number of oral bacteria and also against chemical mouthwash, no harmful side effects have been reported. The effect of persica on halitosis is the question which we seeking for the answer in this article.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201105136466N1**
Registration date: **2011-11-05, 1390/08/14**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2011-11-05, 1390/08/14

Registrant information

Name

Akram Nikpour

Name of organization / entity

Shiraz Faculty of Dentistry

Country

Iran (Islamic Republic of)

Phone

+98 71 1626 9180

Email address

nikpoura@sums.ac.ir

Recruitment status

Recruitment complete

Funding source

Researcher

Expected recruitment start date

2011-07-15, 1390/04/24

Expected recruitment end date

2011-10-02, 1390/07/10

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of persica (herbal oral rinse) on halitosis in patient visiting shiraz dental school-2011

Public title

The effect of persica (herbal oral rinse) on halitosis

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Participants with organoleptic score > 2 and tongue coating score > 4 Exclusion criteria: smoking; being alcoholic; systemic disease; consumption the medications that cause xerostomia; using antibiotics in previous month; pocket depth >6 mm; eating spicy food or garlic or onion in 48 hours ago and having

prosthesis (fix or removable) or orthodontic appliance.

Age
No age limit

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **100**

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
Shiraz Dental School Ethics Committee

Street address
Shiraz dental school, Mehr blvd., ghasrodasht st.

City
Shiraz

Postal code
15878-71956

Approval date
2010-07-14, 1389/04/23

Ethics committee reference number
CT-90-103

Health conditions studied

1

Description of health condition studied
Oral halitosis

ICD-10 code
R19.6

ICD-10 code description
Halitosis

Primary outcomes

1

Description
Oral malodor reduction

Timepoint
Before intervention and 7 days after intervention

Method of measurement
Organoleptic score and Winkle tongue coating score

Secondary outcomes

empty

Intervention groups

1

Description
Persica herbal mouthwash that is available in pharmacies , as directed by company brochure (15 drops in 15 ml water) by a reputable pharmacies supply and Shiraz In the same glass (marked with X for making doube blind) with a volume of 140 ml for use 7 days (14th round) was poured. Patients taking oral and written instruction was given: -) 2 soup spoon, 2 times a day (morning after breakfast and before bed at night) to gargle for 40 seconds. -) After an hour of eating and drinking mouthwash and mouth wash also be avoided. Then we ask the patient in intervention group to use it and come back for examination in next visit.

Category
Treatment - Drugs

2

Description
Placebo (including water and alcohol and essential oil flavorings without active substance) by a reputable pharmacies supply and Shiraz In the same glass (marked O for making doube blind) with a volume of 140 ml for use 7 days (14th round) was poured. Patients taking oral and written instruction was given: -) 2 soup spoon, 2 times a day (morning after breakfast and before bed at night) to gargle for 40 seconds. -) After an hour of eating and drinking mouthwash and mouth wash also be avoided. Then we ask the patient in control group to use it and come back for examination in next visit.

Category
Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center
Shiraz Dental School

Full name of responsible person
Akram Nikpour

Street address
Shiraz dental school, Mehr blvd., ghasrodasht st.

City
Shiraz

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Research Deputy, Shtraz Dental School
Full name of responsible person
Dr. Barbod Zamiri
Street address
Shiraz dental school, Mehr blvd., ghasrodasht st.
City
Shiraz
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Research Deputy, Shtraz Dental School
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
Shiraz Dental School
Full name of responsible person
Dr. Human Ebrahimi
Position
Oral and maxiofacial Medicine Specialist
Other areas of specialty/work
Street address
Shiraz dental school, Mehr blvd., ghasrodasht st.
City
Shiraz
Postal code
15878-71956
Phone
+98 71 1626 3193
Fax
+98 71 1627 0325
Email
hebrahimi@sums.ac.ir
Web page address

Person responsible for scientific inquiries

Contact
Name of organization / entity
Shiraz Dental School
Full name of responsible person
Dr. Sara Pourshahidi
Position
Oral and maxiofacial Medicine Sopecialist
Other areas of specialty/work
Street address
Shiraz dental school, Mehr blvd., ghasrodasht st.
City
Shiraz
Postal code
15878-71956
Phone
+98 71 1626 3193
Fax
+98 71 1627 0325
Email
purshahidi@sums.ac.ir
Web page address

Person responsible for updating data

Contact
Name of organization / entity
Shiraz Dental School
Full name of responsible person
Dr. Human Ebrahimi
Position
Oral and maxiofacial Medicine Specialist
Other areas of specialty/work
Street address
Shiraz dental school, Mehr blvd., ghasrodasht st.
City
Shiraz
Postal code
15878-71956
Phone
+98 71 1626 3193
Fax
+98 71 1627 0325
Email
hebrahimi@sums.ac.ir
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