

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

Evaluation of the effect of lycopene on salivary antioxidant system in cell phone users

Protocol summary

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Summary

current single clinical trial is planned to evaluation of effect of lycopene on salivary antioxidant system in cell phone users.30 patients who consulting Zahedan dentistry collage and use cell phone more than 5 years and more than 20 minutes daily,will be chosen voluntary.patients shouldn't eat or drink for 1 hour and then collect their salivary with spitting method.asking them to save salivary in 2 minutes,then centrifugus(2500 cycle per minute) them for 10 minutes that debries take apart.pure salivary sample will be stored in -70 c.volunteers should use 1 lycopene tablet(15mg) vitabiobicts' product daily for 1 month and after 1 month we should sampling again.

Recruitment status

Recruitment complete

Funding source

Vice chancellor for research of Zahedan University of Medical Sciences

Expected recruitment start date

2017-04-04, 1396/01/15

Expected recruitment end date

2017-09-06, 1396/06/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201703043133N10**

Registration date: **2017-06-06, 1396/03/16**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2017-06-06, 1396/03/16

Registrant information

Name

Fateme Arbabi Kalati

Name of organization / entity

Dental school of Zahedan

Country

Iran (Islamic Republic of)

Phone

+98 54 1244 1814

Email address

Scientific title

Evaluation of the effect of lycopene on salivary antioxidant system in cell phone users

Public title

Evaluation of the effect of lycopene on saliva in cell phone users

Purpose

Diagnostic

Inclusion/Exclusion criteria

Inclusion criteria:users of cell phone at least for 5 years;more than 20 minutes daily Exclusion criteria:drugs;smoking; alcohol consumption ;chronic systemic diseases;truma; xerostomia;history of head and neck radiotherapy and chemotherapy;people under 18 years;using nutritional supplements;periodontal diseases;using handsfree

Age

No age limit

Gender

Both

Phase

4

Groups that have been masked

No information

Sample size

Target sample size: 30

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Single

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Zahedan University of Medical Sciences

Street address

Persian Golf Blvd., University campus

City

zahedan

Postal code

Approval date

2017-01-26, 1395/11/07

Ethics committee reference number

ir.zaums.rec.1395.268

Health conditions studied

1

Description of health condition studied

salivary antioxidant system

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

total antioxidant capacity

Timepoint

day0,day 30

Method of measurement

measuring with spectrophotometer

Secondary outcomes

empty

Intervention groups

1

Description

tablet lycopene 10 mg daily for 30 days

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

Dental school of Zahedan

Full name of responsible person

Dr.Fateme Arbabi Kalati

Street address

dentistry college,eastern Azadagan street, Zahedan

City

Zahedan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research, Zahedan University of Medical Sciences

Full name of responsible person

Dr Hoshang Rafighdost

Street address

University campus, Persian Golf Blvd., Zahedan

City

Zahedan

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, Zahedan 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

Zahedan University of Medical Sciences

Full name of responsible person

Dr. Fateme Arbabi-Kalati

Position

Associated Professor

Other areas of specialty/work

Street address

Dentistry College, Eastern Azadagan street

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Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Zahedan University of Medical Sciences

Full name of responsible person

Fateme Arbabi-Kalati

Position

Assistant Professor of Oral medicine

Other areas of specialty/work

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Person responsible for updating data

Contact

Name of organization / entity

Zahedan University of Medical Sciences

Full name of responsible person

Dr. Fateme Arbabi Kalati

Position

Associate Professor

Other areas of specialty/work

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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