

Clinical Trial Protocol

Iranian Registry of Clinical Trials

19 Sep 2026

Implimenting and evaluation of the effectiveness of a geriatric dentistry educational course on knowledge, attitude and practice of the last year students of general dentistry in Tehran

Protocol summary

Summary

Objective: To evaluate effectiveness of a geriatric dentistry educational course for the last year students of general dentistry in Tehran. Interventional design will be non-random. Study population include all the senior dental students of Tehran University of Medical Sciences as intervention group and all the senior dental students of Shaheed Beheshti University of Medical Sciences as control group. Inclusion criteria: all volunteer senior dental students of the two dental schools. Exclusion criteria: non- volunteer junior dental students of the two dental schools. Sample size: All the senior students of the two dental schools will be included in the study, although minimum sample size of 64 (32 in each group) is calculated. Intervention: an educational course in 3 sessions in a one week to ten days period, as a part of practical community oral health course is designed for the intervention group. The first session includes two 45 minutes lectures by two university teachers about geriatric dentistry. A booklet containing educational material will be given to the intervention group. In the second session the students of intervention group will go for a geriatric field to conduct the clinical examination, learn how to communicate properly, take medical and dental history and investigate the treatment needs. In the last session students will present and discuss their findings in the field. Both intervention and control groups will fill a questionnaire regarding geriatric oral health before and after intervention. Intervention time: 2014-2015 educational years. Outcome: change in knowledge, attitude, practice.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014062418214N1**

Registration date: **2014-08-26, 1393/06/04**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2014-08-26, 1393/06/04

Registrant information

Name

Katayoun Sargeran

Name of organization / entity

Tehran University of Medical Sciences, School of Dentistry

Country

Iran (Islamic Republic of)

Phone

+98 21 8801 5960

Email address

k-sargeran@tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Governmental (Chancellor for research, Tehran University of Medical Sciences)

Expected recruitment start date

2014-09-29, 1393/07/07

Expected recruitment end date

2015-01-21, 1393/11/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Implimenting and evaluation of the effectiveness of a geriatric dentistry educational course on knowledge, attitude and practice of the last year students of general dentistry in Tehran

Public title

Effect of an educational course about geriatric dentistry

Purpose

Other

Inclusion/Exclusion criteria

Inclusion criteria: volunteer; senior students of two dental schools of Tehran University of Medical Sciences and Shaheed Beheshti University of Medical Sciences
Exclusion criteria: non volunteer; Junior students of two dental schools of Tehran University of Medical Sciences and Shaheed Beheshti University of Medical Sciences

Age

No age limit

Gender

Both

Phase

2-3

Groups that have been masked

No information

Sample size

Target sample size: **64**

Randomization (investigator's opinion)

N/A

Randomization description**Blinding (investigator's opinion)**

Not blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features**Secondary Ids****1****Registry name**

none

Secondary trial Id

none

Registration date

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Ethics Committee of Tehran University of Medical Sciences

Street address

6 th floor, Tehran University of Medical Sciences main building, Keshavarz and Ghods Ave. cross

City

Tehran

Postal code**Approval date**

2014-07-12, 1393/04/21

Ethics committee reference number

93-1-69-24382-117514

Health conditions studied**1****Description of health condition studied**

geriatric oral health knowledge, attitude and practice of dental students

ICD-10 code**ICD-10 code description****Primary outcomes****1****Description**

attitude- questionnaire

Timepoint

after the end of intervention

Method of measurement

questionnaire

2**Description**

knowledge- questionnaire

Timepoint

after the end of intervention

Method of measurement

questionnaire

3**Description**

practice-questionnaire

Timepoint

after the end of intervention

Method of measurement

questionnaire

Secondary outcomes**1****Description**

none

Timepoint

none

Method of measurement

none

Intervention groups

1

Description

Educational intervention in intervention group: An educational course in 3 sessions in a one week to ten days period, as a part of practical community oral health course is designed for the intervention group. The first session includes two 45 minutes lectures by two university teachers about geriatric dentistry. A booklet containing educational material will be given to the intervention group. In the second session the students of intervention group will go for a geriatric field to conduct the clinical examination, learn how to communicate properly, take medical and dental history and investigate the treatment needs. In the last session students will present and discuss their findings in the field. Both intervention and control groups will fill a questionnaire regarding geriatric oral health before and after intervention. Intervention time: 2014-2015 educational years. Outcome: change in knowledge, attitude, practice.

Category

Other

2

Description

No intervention is designed for the control group. All the last year dental students of Shaheed Beheshti University of Medical Sciences as the control group will fill the designed questionnaire at the base line and one week after that.

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

School of dentistry of Tehran University of Medical Sciences

Full name of responsible person

Katayoun Sargeran

Street address

School of Dentistry, North Kargar Ave.,

City

Tehran

2

Recruitment center

Name of recruitment center

School of dentistry, Shaheed Beheshti University of Medical Sciences

Full name of responsible person

Katayoun Sargeran

Street address

School of Dentistry, Shaheed Beheshti University of Medical Sciences, Daneshjoo boulevard, Evin

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Chancellor for research, Tehran university of Medical Sciences

Full name of responsible person

Elaheh Alamdar

Street address

6 th floor, Tehran University of Medical Sciences main building, Ghods and Keshavarz Ave. cross

City

Tehran

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Chancellor for research, Tehran 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

School of dentistry of Tehran University of Medical Sciences

Full name of responsible person

Katayoun Sargeran

Position

assistant professor/ DDS, PhD

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