Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Nov 2026

Effect of educational intervention according to Theory of Planned Behavior-Based new media on Promoting Health work and Ergonomic Status in the Dentists .

Protocol summary

Summary

This study aimed to determine the effect of educational intervention according to theory of planned behavior-based new media on Health promotion work and the ergonomic Dentists.This was a quasi-experimental study performed on 70 dentists who were are randomly placed in intervention and control group.Their Ergonomic statutes will be reviewed before training at all.Three months after education based on theory of planned behavior with using digital tools. Ergonomics statutes will be assessed again in Dentist

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016062128529N2**
Registration date: **2016-07-05, 1395/04/15**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2016-07-05, 1395/04/15

Registrant information

Name

Hadi Tehrani

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 51 3853 8530

Email address

tehranih@mums.ac.ir

Recruitment status

Recruitment complete

Funding source

Mashhad University of Medical Sciences

Expected recruitment start date

2015-07-11, 1394/04/20

Expected recruitment end date

2017-02-12, 1395/11/24

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of educational intervention according to Theory of Planned Behavior-Based new media on Promoting Health work and Ergonomic Status in the Dentists .

Public title

Promoting Health work and Ergonomic Status in the Dentists

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: dentists who agreed to participate; do not have a problem congenital skeletal or not corrective treatment and physiotherapy will be studied; have a Mobile phone and computer as well as having the ability to use it. Exclusion criteria: they do not want to cooperate; defect requiring medical treatment during the study .

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked
No information
Sample size
Target sample size: **70**
Randomization (investigator's opinion)
Randomized
Randomization description
Blinding (investigator's opinion)
Not blinded
Blinding description
Placebo
Not used
Assignment
Parallel
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Mashhad University of Medical Sciences
Street address
Administration Center(Qoreishi Building) – Daneshgah St. – Mashhad – Iran
City
Mashhad
Postal code
Approval date
2015-11-06, 1394/08/15
Ethics committee reference number
IR.MUMS.REC.1394.486

Health conditions studied

1

Description of health condition studied
Ergonomic conditions
ICD-10 code
M95
ICD-10 code description
Other acquired deformities of musculoskeletal system and connective tissue

Primary outcomes

1

Description
Ergonomic Status
Timepoint
Prior to the intervention and4 months after the intervention.
Method of measurement
Standard questionnaire

Secondary outcomes

1

Description
Knowledge and Attitude
Timepoint
Prior to the intervention and4 months after the intervention
Method of measurement
questionnaire

Intervention groups

1

Description
The control group received no intervention will be done
Category
Treatment - Drugs

2

Description
By examining the structures and choose the most effective model and check the status of musculoskeletal structures. Educational messages will be prepared for case group. Educational materials designed based on the theory will be sent in form of SMS in the time required and automatically. There is also a multimedia software will be developed That includes exercise and work environment as well as corrective exercise will be given to case grupe. For the control group will not receive any special intervention.
Category
Lifestyle

Recruitment centers

1

Recruitment center
Name of recruitment center
Private clinics Dentists
Full name of responsible person
Hadi Tehrani
Street address
Assistant Professor of health education and health promotion
City
Bojnoord

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Mashhad University of Medical Sciences
Full name of responsible person
Dr Mohsen Tafaghodi

Street address
Administration Center(Qoreishi Building) – Daneshgah St. – Mashhad – Iran
City
Mashhad
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Mashhad 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
Mashhad University of Medical Sciences, Mashhad, Iran
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Position
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Person responsible for updating data

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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