

Clinical Trial Protocol

Iranian Registry of Clinical Trials

20 Jul 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 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 and 4 months after the
intervention.

Method of measurement

Standard questionnaire

Secondary outcomes

1

Description

Knowledge and Attitude

Timepoint

Prior to the intervention and 4 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 groups. 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

Bojnourd

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

Full name of responsible person

Hadi Tehrani

Position

Assistance Professor of Health Education and Health
Promotion

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

Department of Health Education and Health
Promotion. School of Public Health, Mashhad
University of Medical Sciences, Mashhad, Iran

City

Mashhad

Postal code**Phone**

+98 51 3854 4633

Fax**Email**

tehranih@mums.ac.ir

Web page address**Person responsible for scientific inquiries****Contact****Name of organization / entity**

Mashhad University of Medical Sciences, Mashhad,

Full name of responsible person

Hadi Tehrani

Position

Assistant Professor of health education and health
promotion

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

Department of health education and health
promotion. School of Public Health, Mashhad
University of Medical Sciences, Mashhad, Iran

City

Mashhad

Postal code**Phone**

+98 51 3854 4633

Fax**Email**

tehranih@mums.ac.ir

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

Mashhad University of Medical Sciences

Full name of responsible person

Hadi Tehrani

Position

Assistant Professor of Health and Health Promotion

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

Department of Health Education and Health
Promotion, School of Public Health, Mashhad
University of Medical Sciences

City

Mashhad

Postal code**Phone**

00

Fax**Email****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