

Clinical Trial Protocol

Iranian Registry of Clinical Trials

11 Jun 2026

The effect of multimedia training track via telegram on the communication skills of nurses and patients in Shiraz Dr.Chamran hospital in 2017

Protocol summary

Study aim

The effect of follow-up through multimedia on communication skills with patients in nurses working in Dr.Chamran hospital in Shiraz, 2017

Design

This experimental study is a two-group design with pre and post design and two groups. The research environment is Dr. Chamran Hospital in Shiraz is considered to be the nurses working in there as the orthopedic wards under study. In this research, nurses are selected and available in two groups.

Settings and conduct

After collecting the referral form of the research environment and obtaining informed consent from the units studied, Barton J's communication skills questionnaire (1990) was completed to measure communication skills in both groups. Nurses were randomly assigned to two groups (A) receiving a multimedia CD without follow up and Group B (Multimedia CD Recipient with Telegram follow up group).

Participants/Inclusion and exclusion criteria

Inclusion criteria: employment in one of the hospital departments; having at least a bachelor's degree in nursing; having at least one year of postgraduate clinical work experience; a smartphone with telegram installation; no disease and use of medications; anti-anxiety drugs. Exclusion criterion: unwillingness to continue cooperation.

Intervention groups

Follow up by forming a telegram group and discussing and fixing bug group "B" four weeks after multimedia training.

Main outcome variables

Communication skills

General information

Reason for update

Acronym

Effect of multimedia training track via telegram on the communication skills

IRCT registration information

IRCT registration number: **IRCT20090127001599N27**

Registration date: **2018-04-21, 1397/02/01**

Registration timing: **retrospective**

Last update: **2018-04-21, 1397/02/01**

Update count: **0**

Registration date

2018-04-21, 1397/02/01

Registrant information

Name

Mitra Zolfaghari

Name of organization / entity

Tehran University of Medical Sciences and Health Services

Country

Iran (Islamic Republic of)

Phone

+98 21 6692 7171

Email address

zolfaghm@tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2017-11-22, 1396/09/01

Expected recruitment end date

2018-02-20, 1396/12/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of multimedia training track via telegram on the communication skills of nurses and patients in Shiraz Dr.Chamran hospital in 2017

Public title

The effect of multimedia training track via telegram on the communication skills of nurses and patients in Dr.Chamran hospital Shiraz

Purpose

Education/Guidance

Inclusion/Exclusion criteria**Inclusion criteria:**

Working in one of the hospital departments Having a minimum undergraduate degree in nursing Having at least one year of post-graduate clinical experience Having a smartphone with telegram installation No psychiatric disease No anti-anxiety medications

Exclusion criteria:

Unwillingness to continue cooperation

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)**

N/A

Randomization description

Random number table

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**

Ethics Committee of Tehran University of Medical Sciences

Street address

Keshavarz Blvd, Naderi Street, Dolatshahi deadlock

City

Tehran

Province

Tehran

Postal code

1417653761

Approval date

2017-09-11, 1396/06/20

Ethics committee reference number

IR.TUMS.VCR.REC.1396.3409

2**Ethics committee****Name of ethics committee**

Ethics committee of Tehran University of Medical Science

Street address

Dolatshahi deadlock, Naderi Street, Keshavarz Blvd

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1417614418

Approval date

2017-01-15, 1395/10/26

Ethics committee reference number

IR.TUMS.VCR.REC.1396.4224

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

Nurse communication skills with the patient

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

Nurse communication skills with the patient

Timepoint

Measure communication skills before multimedia education in both groups and reassessment eight weeks after multimedia education without intervention in group A and eight weeks after multimedia training and intervention in group B

Method of measurement

Barton.J.E questionnaire

2**Description**

Barton JE's Questionnaire Score

Timepoint

Measurement of communication skills at the beginning of the study before intervention, eight weeks after training and intervention.

Method of measurement

BartonJ.E

Secondary outcomes

empty

Intervention groups1**Description**

Intervention: Follow up via telegram, which is then done in the intervention group: After completing the standard BartonJE communication skills questionnaire, the educational content CD will be provided to the intervention group. Participants are required to see the CD at least once, and will be invited to the Telegram four weeks later. The purpose of the Telegram group is to follow the materials learned through the content file and discussion and experiences of the members under the supervision of Dr.M. Zolfaghari and Mrs. Sharareh Lahouti is a psychologist. The group is working for one month, and then the BartonJE communication skills questionnaire will be completed by the participants. (To prevent the exposure of the two groups, group A sampling and multicast delivery Media is done four weeks earlier than Group B.

Category

Other

Recruitment centers1**Recruitment center****Name of recruitment center**

Dr chamran hospital

Full name of responsible person

Mitra Zolfaghari

Street address

Chamran hospital, Chamran blvd.

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Sponsors / Funding sources1**Sponsor****Name of organization / entity**

Tehran University of Medical Sciences

Full name of responsible person

Mitra zlfaghari

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No2, Dolatshahi deadend, Naderi street, Keshavarz blvd.

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Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Tehran University of Medical Sciences

Proportion provided by this source

100

Public or private sector

Public

Domestic or foreign origin

Domestic

Category of foreign source of funding

empty

Country of origin**Type of organization providing the funding**

Academic

Person responsible for general inquiries**Contact****Name of organization / entity**

Shiraz University of Medical Sciences

Full name of responsible person

Mitra zolfaghari

Position

assistant proffesor

Latest degree

Ph.D.

Other areas of specialty/work

Others

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Person responsible for scientific inquiries

Contact

Name of organization / entity

Tehran University of Medical Sciences

Full name of responsible person

Mitra Zolfaghari

Position

associate professor

Latest degree

Ph.D.

Other areas of specialty/work

Others

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Person responsible for updating data

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Name of organization / entity

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Position

Associate professor

Latest degree

Ph.D.

Other areas of specialty/work

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Sharing plan

Deidentified Individual Participant Data Set (IPD)

Undecided - It is not yet known if there will be a plan to make this available

Study Protocol

Undecided - It is not yet known if there will be a plan to make this available

Statistical Analysis Plan

Undecided - It is not yet known if there will be a plan to make this available

Informed Consent Form

No - There is not a plan to make this available

Clinical Study Report

Undecided - It is not yet known if there will be a plan to make this available

Analytic Code

Undecided - It is not yet known if there will be a plan to make this available

Data Dictionary

Undecided - It is not yet known if there will be a plan to make this available