

Clinical Trial Protocol

Iranian Registry of Clinical Trials

06 Aug 2026

Designing, implementation and evaluation of educational intervention based on Intervention Mapping approach on promoting capabilities of community health workers (Behvarz) related to health education and communication

Protocol summary

Study aim

Determination of the effect of educational intervention based on Mapping approach on capabilities of community health workers related to health education and communication in Torbat Heydariyeh University Of Medical Science

Design

Randomized control trial with control group, with parallel group, one blind and non-random

Settings and conduct

This study will be carried out among the health care providers of Torbat-e-Heidarieh University of Medical Sciences, so that the intervention of health education will be designed and implemented based on the design of the mapping approach. This study will use the intervention mapping approach, so the number of training sessions and educational methods are determined during the design of the study.

Participants/Inclusion and exclusion criteria

Inclusion Criteria: Being employed in health services (home health) having informed consent to participate in the study Exclusion Criteria: Lack of satisfaction to continue to study, lack of willingness to take part in the final exam, more than two absentee sessions in training sessions, those who have not left their service for less than 8 months, and those who do not have access to the Internet at their place of work , The use of long-term leave such as maternity leave

Intervention groups

The intervention group includes community health workers in Torbat Heidariyeh which receive educational intervention. The control group consisted of community health workers in Zaweh and Mahvolat counties that do not receive educational intervention.

Main outcome variables

Educational behavior of health care providers

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20181006041245N1**

Registration date: **2018-11-05, 1397/08/14**

Registration timing: **prospective**

Last update: **2018-11-05, 1397/08/14**

Update count: **0**

Registration date

2018-11-05, 1397/08/14

Registrant information

Name

Hashem Heshmati

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 51 5224 9312

Email address

heshmahi1@thums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-12-22, 1397/10/01

Expected recruitment end date

2018-12-22, 1397/10/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty	
Scientific title Designing, implementation and evaluation of educational intervention based on Intervention Mapping approach on promoting capabilities of community health workers (Behvarz) related to health education and communication	Street address School of health, Tehran University of Medical science, Pour Sina Ave, Keshavarz Blvd,
	City Tehran
	Province Tehran
	Postal code 1417613151
Public title The effect of educational intervention based on intervention mapping on educational capabilities of community health workers (Behvarzs)	Approval date 2018-06-13, 1397/03/23
Purpose Education/Guidance	Ethics committee reference number IR.TUMS.SPH.REC.1397.030 در تاریخ 97/8/4، کد فوق در سایت مربوطه جستجو شد، گواهی موجود بود
Inclusion/Exclusion criteria Inclusion criteria: working as health provider (Khane Behdasht) Informed consent to participate in the study Exclusion criteria: no consent to continue to study Unwilling to participate in the final exam More than two absentee at training sessions Community health workers that have not been in service for less than 8 months Those who do not have access to the Internet at their place of work Use of long-term leave such as maternity leave	Health conditions studied <u>1</u> Description of health condition studied ICD-10 code ICD-10 code description
Age No age limit	Primary outcomes <u>1</u> Description Behvarz Educational Behavior Score in the Questionnaire
Gender Both	Timepoint In this study, Behvarzes' educational behavior was measured before intervention and six months after intervention.
Phase N/A	Method of measurement A questionnaire that will be developed by the researchers during the study.
Groups that have been masked • Data analyser	Secondary outcomes empty
Sample size Target sample size: 136	Intervention groups <u>1</u> Description Intervention group: In the intervention group, training sessions on health education and communication will be held for community health workers.
Randomization (investigator's opinion) Not randomized	Category Behavior
Randomization description	
Blinding (investigator's opinion) Single blinded	
Blinding description The statistical analyzer does not know which group is the intervention group and which group is the control group.	 <u>2</u> Description Control group: No action is taken in the control group.
Placebo Not used	Category N/A
Assignment Other	
Other design features	Recruitment centers
Secondary Ids empty	
Ethics committees <u>1</u> Ethics committee Name of ethics committee Ethics committee of Tehran University OF Medical Science	

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Recruitment center

Name of recruitment center

Torbat Heydariyeh University of Medical Science,
behvarzi school

Full name of responsible person

Hashem Heshmati

Street address

Molki Road, Baharzi School

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tehran University of Medical Sciences

Full name of responsible person

Mohammad Ali Sahraian

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Research and Technology Dept, 6th floor, Central
Organization of the University, Ghods St, Keshavarz
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msahrai@sina.tums.ac.ir

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

Tehran University of Medical Sciences

Full name of responsible person

Hashem Heshmati

Position

Instructor

Latest degree

Master

Other areas of specialty/work

Health Promotion

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Person responsible for scientific inquiries

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consultant

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Person responsible for updating data

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Sharing plan

Deidentified Individual Participant Data Set (IPD)

Yes - There is a plan to make this available

Study Protocol

Yes - There is a plan to make this available

Statistical Analysis Plan

Yes - There is a plan to make this available

Informed Consent Form

Yes - There is a plan to make this available

Clinical Study Report

Yes - There is a plan to make this available

Analytic Code

Yes - There is a plan to make this available

Data Dictionary

Yes - There is a plan to make this available

Title and more details about the data/document

The total potential data can be shared after unidentifiable people.

When the data will become available and for how long

Start the access period, 6 months after publishing the results

To whom data/document is available

Data will only be available to researchers in academia.

Under which criteria data/document could be used

It is permitted to use data for all scientific works within the framework of ethics in research.

From where data/document is obtainable

Hashem Heshmati cell phone: 00989134512051

What processes are involved for a request to access data/document

The applicant must submit to the Tehran University of Medical Sciences, by official correspondence (official letter from the university or scientific research institute), which will be provided to the applicant as soon as possible after confirmation of authenticity.

Comments