Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Nov 2026

Inter-professional Educational, emergency residents, nurse, Interprofessional performance, and readiness to change

Protocol summary

Summary

The aim of the present study will to assess the effectiveness of an Inter-professional Education Model (IPE) based on trans-theoretical theory (TTM) on the inter-professional behavioral change and readiness to change. The study will conduct in a quasi-experimental design. The participants will select from residents of emergency medicine and nurses of the emergency units in two teaching hospitals at Iran University of Medical Sciences through consensus. The assignment of the teaching hospitals as the intervention and control settings was random. The IPE model was designed based on the TTM theory. The participants will classify based on their stage of readiness to change. The interventions are two-day workshops for each stage. The educational will developed based on the core competencies of inter-professional collaboration that included teamwork, inter-professional collaboration, challenge management, role and responsibility of the team members, and inter-professional communication skills competencies by interactive teaching methods. In order to assess the effectiveness of the developed model, we will evaluate the inter-professional collaboration through inter-professional collaborator assessment rubric (ICAR) in four time points in the intervention and control groups before and after the intervention in the real emergency unit environment. readiness to change will assess by IPC-TTM questionnaire.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015092324056N3**
Registration date: **2015-10-21, 1394/07/29**
Registration timing: **prospective**

Last update:
Update count: **0**

Registration date

2015-10-21, 1394/07/29

Registrant information

Name
Mandana Shirazi
Name of organization / entity
Tehran University of Medical Sciences
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Recruitment status

Recruitment complete

Funding source

Tehran University of Medical Sciences

Expected recruitment start date

2015-11-10, 1394/08/19

Expected recruitment end date

2016-01-10, 1394/10/20

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Inter-professional Educational, emergency residents, nurse, Interprofessional performance, and readiness to change

Public title

Assessing the effectiveness of an Inter-professional Education Model (IPE) based on trans-theoretical theory (TTM) on the inter-professional behavioral change and readiness to change of emergency residents and nurses

comparison of control groups.

Purpose

Basic scienece

Inclusion/Exclusion criteria

Inclusion Criteria: Residents of Emergency Medicine; Emergency Nurses; Working in Teaching Hospitals of Iran University of Medical Sciences Exclusion Criteria: Other Disciplines Except Nursing and Emergency Medicine

Age

From **25 years** old to **45 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size:

Randomization (investigator's opinion)

Not 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

Tehran University of Medical Sciences

Street address

No. 57, Hojatdust Street, Keshavarz Boulevard, Tehran, Iran, Tehran University of Medical Sciences

City

Tehran

Postal code

Approval date

2015-02-02, 1393/11/13

Ethics committee reference number

9121486005

Health conditions studied

1

Description of health condition studied

The effectiveness of an Interprofessional Education Model (IPE) based on trans-theoretical theory (TTM) on the interprofessional behavioral change and readiness to change at emergency ward

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Interprofessional Collaboration Performance

Timepoint

The assessments will performed at 6 and 3 months before and 3 and 6 months after the intervention

Method of measurement

Questionnaire

2

Description

Readiness to Change

Timepoint

The assessments will performed at 6 and 3 months before and 3 and 6 months after the intervention

Method of measurement

Questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

The educational intervention based on IPE model was designed based on the TTM theory. The participants will classify based on their stage of readiness to change. The interventions were two-day workshops for each stage. The educational will developed based on the core competencies of interprofessional collaboration that included teamwork, interprofessional collaboration, challenge management, role and responsibility of the team members, and interprofessional communication skills competencies by interactive teaching methods.

Category

Other

2

Description

Intervention will not conduct in control group.

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Iran University of Medical Sciences

Full name of responsible person

Dr Mandan Shirazi

Street address

No. 57, Hojatdust Street, Keshavarz Boulevard, Tehran, Iran, Tehran University of Medical Sciences

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Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tehran University of Medical Sciences

Full name of responsible person

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No. 57, Hojatdust Street, Keshavarz Boulevard, Tehran, Iran, Tehran University of Medical Sciences

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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

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

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Full name of responsible person

Fatemeh Keshmiri

Position

Phd candidate

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