Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 2026

Effect of education based on health belief model on standard precautions for infection control in emergency medical technicians

Protocol summary

Summary

The study aimed to determine the effect of education on health belief model on infection control precautions will be taken in medical emergency technicians and included educational intervention based on health belief model is the standard precautions for infection control. The sample consisted of all emergency medical technicians Hamadan (unit operations) are randomly divided into two groups. The intervention consists of three training sessions a month and ten days once, which is done in the intervention group. In the control group there is a specific action. Finally, after two months of experimental results that includes performance improvements, or adherence to standard precautions, for infection control is measured by the questionnaire.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017021317449N2**
Registration date: **2017-04-05, 1396/01/16**
Registration timing: **na**

Last update:
Update count: **0**

Registration date

2017-04-05, 1396/01/16

Registrant information

Name
Mahnaz Mohamadkhani
Name of organization / entity
Hamadan University of Medical Sciences
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Recruitment status

Not enough for processing

Funding source
Hamadan University of Medical Sciences

Expected recruitment start date

2017-04-15, 1396/01/26

Expected recruitment end date

2017-04-14, 1396/01/25

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of education based on health belief model on standard precautions for infection control in emergency medical technicians

Public title

Effect of education on standard precautions

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: Technicians in its service delivery operations unit؛ Interested in educational classes؛ Have consent to participate in the study؛ Degree from diploma to an expert. Exclusion criteria: He can leave the study at any time.

Age

No age limit

Gender

Male

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **84**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Other

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Hamadan University of Medical Sciences

Street address

Shahid Fahmideh Blvd, Hamadan

City

Hamadan

Postal code

3869865178

Approval date

2017-01-28, 1395/11/09

Ethics committee reference number

IR.UMSHA.REC.1395.488

Health conditions studied

1

Description of health condition studied

Occupational exposure

ICD-10 code

Z57

ICD-10 code description

Occupational exposure to risk-factors

Primary outcomes

1

Description

(Function) Adherence to standard precautions

Timepoint

Two months after the intervention

Method of measurement

questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

in the intervention group (n = 42), intervention consists of three sessions (including lectures, group discussions, etc.), which will be conducted 10 days.

Category

Prevention

2

Description

In the control group (n = 42) does not take place a specific action.

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Hamadan Disaster Management and Emergency Medical Center

Full name of responsible person

Street address

City

Hamadan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Hamadan University of Medical Sciences

Full name of responsible person

Saeid Bashirian

Street address

Shahid Fahmideh Blvd, Hamadan

City

Hamadan

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Hamadan 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

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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