

Clinical Trial Protocol

Iranian Registry of Clinical Trials

13 Jun 2026

Comparison of multimedia content and social networking with face to face training on emergency technicians' knowledge and practice about ambulance services for pregnant women in Kermanshah province

Protocol summary

Study aim

Comparison of multimedia content and social networking with face to face training on emergency technicians' knowledge and practice about ambulance services for pregnant women in Kermanshah province.

Design

A randomized clinical trial with parallel groups. Sample size : 112.

Settings and conduct

1- Study area: Medical emergency center in Javanrood 2- Blinding have not been implemented

Participants/Inclusion and exclusion criteria

Inclusion criteria: volunteer emergency technicians; access to internet; owning smartphones with Whats app. Non-inclusion criteria: Previous participation in a similar training program in the past year.

Intervention groups

Intervention group 1: Electronic training group via multimedia content and use of watts app social networking . In this group, a multimedia educational content will be produced using storyline software. The content will be delivered to participants via CD; in addition, interactions among participants and educator will be managed by watts app group. Intervention group 2: face to face education group via lecture accompanied by power-point, film, image and educational mannequin.

Main outcome variables

Knowledge; practice of emergency technicians

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20171125037620N4**

Registration date: **2019-12-09, 1398/09/18**

Registration timing: **prospective**

Last update: **2019-12-09, 1398/09/18**

Update count: **0**

Registration date

2019-12-09, 1398/09/18

Registrant information

Name

Mitra Gharib

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 21 4203 6001

Email address

gharibmi@sina.tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2019-12-16, 1398/09/25

Expected recruitment end date

2020-01-15, 1398/10/25

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of multimedia content and social networking with face to face training on emergency technicians' knowledge and practice about ambulance services for pregnant women in Kermanshah province

Public title

Comparison of multimedia with face to face training on emergency technicians' knowledge and practice about

ambulance services for pregnant women

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:

Volunteer emergency technicians
Access to internet
Owning smartphones with Whats app

Exclusion criteria:

Previous participation in a similar training program in the past year

Age

No age limit

Gender

Male

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **112**

Randomization (investigator's opinion)

Randomized

Randomization description

The sample will be selected from volunteer emergency technicians working in Kermanshah province. Study participants will be randomly assigned to multimedia or face to face training method group using a lottery process.

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

Tehran University of Medical Sciences, Keshavarz Blvd. Tehran Iran

City

Tehran

Province

Tehran

Postal code

1417653761

Approval date

2019-10-20, 1398/07/28

Ethics committee reference number

IR.TUMS.VCR.REC.1398.634

Health conditions studied

1

Description of health condition studied

Training and in-service education of emergency technicians

ICD-10 code

Z55.9

ICD-10 code description

Problems related to education and literacy

2

Description of health condition studied

ambulance services for pregnant women

ICD-10 code

Z33

ICD-10 code description

Pregnant state

Primary outcomes

1

Description

Emergency technicians' knowledge about ambulance services for pregnant women

Timepoint

After training

Method of measurement

Questionnaire

2

Description

Emergency technicians' practice about ambulance services for pregnant women

Timepoint

After training

Method of measurement

Clinical exam checklist

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: For the E-content group, the educational content about ambulance services for pregnant women will be designed and produced. The multimedia content will be distributed via CD for the use of technicians in this group. Furthermore a Whats app group will be activated for interactions among participants and educator.

Category

Other

2

Description

Control group: For the face to face group, the educational content about ambulance services for pregnant women will be presented in a face to face format via lecture accompanied by power-point, film, image and educational mannequin.

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Javanrood medical emergency center

Full name of responsible person

Zahed Manochehri

Street address

Medical emergency center, Phase 2, Bimarestan ave.
Javanrood

City

Javanrood

Province

Kermanshah

Postal code

6798148775

Phone

+98 83 4622 6956

Email

cr7zahedam@gmail.com

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tehran University of Medical Sciences

Full name of responsible person

Mehrshad Mokhtaran

Street address

No2, Dolatshahi closed alley, Naderi St., Keshavarz
Blvd

City

Tehran

Province

Tehran

Postal code

1416614741

Phone

+98 21 4203 6001

Email

mehrshad.mokhtaran@gmail.com

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

Kermanshah University of Medical Sciences

Full name of responsible person

Zahed Manochehri

Position

Medical emergency technician

Latest degree

Bachelor

Other areas of specialty/work

Medical emergency

Street address

Medical emergency center, Phase 2, Bimarestan ave.
Javanrood

City

Javanrood

Province

Kermanshah

Postal code

6798148775

Phone

+98 83 4622 6956

Email

cr7zahedam@gmail.com

Person responsible for scientific inquiries

Contact

Name of organization / entity

Tehran University of Medical Sciences

Full name of responsible person

Mitra Gharib

Position

Assistant professor

Latest degree

Ph.D.

Other areas of specialty/work

Distance Education planning

Street address

No2, Dolatshahi dead end, Naderi St., Keshavarz
BLVD, Tehran. Iran

City

Tehran

Province

Tehran

Postal code

1416614741

Phone

+98 21 4203 6001

Email

gharibmi@sina.tums.ac.ir

Person responsible for updating data

Contact

Name of organization / entity

Kermanshah University of Medical Sciences

Full name of responsible person

Zahed Manochehri

Position

Medical emergency technician

Latest degree

Bachelor

Other areas of specialty/work

Medical emergency

Street address

Medical emergency center, Phase 2, Bimarestan ave.

Javanrood

City

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Postal code

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Phone

+98 83 4622 6956

Email

cr7zahedam@gmail.com

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 questionnaire, checklist and the survey results about technicians' knowledge and practice will be published in a scientific (Either Farsi or English language) journal

When the data will become available and for how long

Access to data will be possible after the publication of the article in a scientific journal

To whom data/document is available

Researchers practicing in universities or academic institutions can have access to data

Under which criteria data/document could be used

Researchers can use the questionnaire and checklist for similar research

From where data/document is obtainable

Researchers can reach us via the following contact details. Address: No2, Dolatshahi dead end, Naderi St., Keshavarz BLVD, Tehran, Iran Postal Code: 1416614741
Tel: +98 21 4203 6001

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

15 days after receiving a written request from a researcher, the requested data will be emailed to him/her

Comments