

Clinical Trial Protocol

Iranian Registry of Clinical Trials

22 Sep 2026

Comparison the effect of role play and multimedia educational approach on breaking bad news skills based on SPIKES strategy in midwifery students in Mashhad University of Medical Sciences

Protocol summary

Summary

The aim of this study was to compare the effects and multimedia and role play based educational on breaking bad news skill to the patient. Inclusion criteria consisted of spending a semester in clinical training, lack of emotional problems and lack of formal training course about breaking bad news. The study population included 99 midwifery students who were divided into three groups, two groups, under education approaches are multimedia and role play for 3 hours. There is no intervention in the control group. This study was conducted in November 1394. The primary outcome included the promotion of bad news skills in students in the intervention group than the control group.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015110824936N1**

Registration date: **2016-08-31, 1395/06/10**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-08-31, 1395/06/10

Registrant information

Name

Marzie Torkmannejad Sabzevari

Name of organization / entity

Mashhad University of Medical Science

Country

Iran (Islamic Republic of)

Phone

+98 51 3724 4801

Email address

radm901@mums.ac.ir

Recruitment status

Recruitment complete

Funding source

90% of research funding implementing partners and 10% of Evidence Based Research Center of Mashhad Nursing and Midwifery school

Expected recruitment start date

2015-11-06, 1394/08/15

Expected recruitment end date

2015-11-21, 1394/08/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison the effect of role play and multimedia educational approach on breaking bad news skills based on SPIKES strategy in midwifery students in Mashhad University of Medical Sciences

Public title

effect of education on breaking bad news skills

Purpose

Other

Inclusion/Exclusion criteria

Inclusion criteria: has hospital internship experience; no previous record of mental and psychological disorders; no bad news received in the last 3 months (death in the family, diagnosis with incurable diseases, self-disability or similar cases in the family); and no previous participation in courses or workshops regarding the skills of breaking bad news. Excluding criteria: receiving bad news in the period between entry and post-study phase;

no participation in teaching processes or tests; using multimedia packages for less than 3 hours; Similar training courses in conjunction with this study; refusal and lack of interest.

Age

From **20 years** old to **40 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **99**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Double blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Mashhad University of Medical Sciences

Street address

Posgraduate department, Nursing and Midwifery school, Ebnesina avenue, Mashhad

City

Mashhad

Postal code

Approval date

2015-08-15, 1394/05/24

Ethics committee reference number

IR.MUMS.RES.1394.342

Health conditions studied

1

Description of health condition studied

Breaking bad news skills to Patient education

ICD-10 code

Z55

ICD-10 code description

Problems related to education and literacy

Primary outcomes

1

Description

breaking bad news skill

Timepoint

before and two weeks after education

Method of measurement

self - made check list

Secondary outcomes

empty

Intervention groups

1

Description

first intervention group: role-play education approach by 3 hours

Category

Other

2

Description

second intervention group: multimedia education approach for a week

Category

Other

3

Description

control group: no intervention

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Mashhad Nursing and Midwifery school

Full name of responsible person

Nasrin Baghdari

Street address

City

Mashhad

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Mashhad University of Medical Science

Full name of responsible person

Dr. Mohsen Tafaghodi

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Central Building University (Qureshi), Daneshgah
avenue

City

Mashhad

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

Yes

Title of funding source

Mashhad University of Medical Science

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**

Mashhad university of medical science

Full name of responsible person

Marzie torkmannejad sabzevari

Position

msc student

Other areas of specialty/work**Street address**

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Web page address**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