

Clinical Trial Protocol

Iranian Registry of Clinical Trials

20 Jun 2026

Assessing the effect of standard patient teaching on abdominal physical examination skills performance in nursing students

Protocol summary

Summary

(1) Objective: To compare Abdominal physical exam skills in nursing students between control group and experimental group (standardized patient), (2) Design: In an experimental study, after randomization of nursing student between 2 groups; student will be taught, then will be assessed in 3 phases, (3) setting & conduct: control group that will be taught by lecturing and CD) and experimental group that will take the teaching by standardized patient; OSCE test will perform to evaluate their skills at 3 stages (pretest, posttest, and recall test), (4) Participants including major eligibility criteria: Inclusion criteria: All 3rd trimester nursing student that has taken "physical assessment" course; willingly cooperate in this study; Exclusion criteria: Students who are absent in exams (pretest, posttest and recall test); students who absent in teaching classes, (5) Intervention: physical examination skills teaching by lecturing and watching CD; or by using standardized patient, (6) main outcome measures: primary outcome variable, physical examination skills; measured before, 1 week and 3 weeks after interventions; using a physical exam checklist.

General information

Acronym

-

IRCT registration information

IRCT registration number: **IRCT2015053117546N4**
Registration date: **2015-12-26, 1394/10/05**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2015-12-26, 1394/10/05

Registrant information

Name

Marzieh Momennasab

Name of organization / entity

Shiraz University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 71 1647 4254

Email address

momennasab@sums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice chancellor for research of Shiraz University of Medical Sciences

Expected recruitment start date

2015-05-31, 1394/03/10

Expected recruitment end date

2015-06-21, 1394/03/31

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Assessing the effect of standard patient teaching on abdominal physical examination skills performance in nursing students

Public title

Effect of teaching on students' physical exam performance

Purpose

Other

Inclusion/Exclusion criteria

Inclusion criteria: All 3rd trimester nursing student that has taken "physical assessment" course; willingly

cooperate in this study Exclusion criteria: Students who are absent in exams (pre test, post test); students who absent in teaching classes

Age

No age limit

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 87

Randomization (investigator's opinion)

Randomized

Randomization description**Blinding (investigator's opinion)**

Not blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features

Table of random numbers

Secondary Ids

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Ethics Committee of Shiraz University of Medical Sciences

Street address

Shiraz, Zand street, Shiraz University of Medical Sciences

City

Shiraz

Postal code**Approval date**

2015-05-30, 1394/03/09

Ethics committee reference number

IR.SUMS.REC.1394.65

Health conditions studied**1****Description of health condition studied**

Nursing Students performance

ICD-10 code

-

ICD-10 code description

-

Primary outcomes**1****Description**

Abdominal physical exam skills performance

Timepoint

before intervention, 1 and 3 weeks after that

Method of measurement

P/E checklist

Secondary outcomes**1****Description**

-

Timepoint

-

Method of measurement

-

Intervention groups**1****Description**

control group: lecturing and CD teaching, 2 sessions, every session 2 hours

Category

Other

2**Description**

intervention group: standard patient teaching; 2 session; every session 2 hours

Category

Other

Recruitment centers**1****Recruitment center****Name of recruitment center**

Kazeroun Islamic Azad University

Full name of responsible person

Dr. Mohammad Hossein Marhamatizadeh

Street address

Kazeroun, 5th km of Bushehr road, Kazeroun Islamic Azad University

City

Kazeroun

Sponsors / Funding sources**1****Sponsor**

Name of organization / entity

Vice chancellor for research of Shiraz University of
Medical Sciences

Full name of responsible person

Dr. seyed Basir Hashemi

Street address

Shiraz, Zand street, Shiraz University of Medical
Sciences

City

Shiraz

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Vice chancellor for research of Shiraz 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

Shiraz University of Medical Sciences

Full name of responsible person

Azita Jaberi

Position

Nursing PhD candidate

Other areas of specialty/work

Street address

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**Person responsible for scientific
inquiries**

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Name of organization / entity

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Position

Associate Professor

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Person responsible for updating data

Contact

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