

# 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**

Nursing and Midwifery College

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**Person responsible for scientific  
inquiries**

**Contact**

**Name of organization / entity**

Shiraz University of Medical Sciences

**Full name of responsible person**

Dr. Marzieh Momennasab

**Position**

Associate Professor

**Other areas of specialty/work**

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Colledge

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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*