

Clinical Trial Protocol

Iranian Registry of Clinical Trials

27 Sep 2026

Comparison of effectiveness of classic and PBL education in Gastro Intestinal Tract title from health assessment lesson on the information level, satisfaction and clinical skills of second year Nursing students in Islamic Azad University, Qom branch in 2014

Protocol summary

Summary

Objective: to determine the effect of teaching health status in two ways to solve the problem based learning and lecture on the knowledge and practice of students. Study design: quasi-experimental, pre-test - post-test with two groups. Study population: the third semester nursing students studying in Islamic Azad University, Qom branch. Main inclusion criteria: obtaining "health status" course in semester 3 and for the first time. Main exclusion criteria: lack of desire to continue to participate or not participate in the tests after intervention. Sample size: 64 students. Intervention: (B) intervention or interventions studied: problem solving and presentations and (C) intervention time: two hours for a two-week session. The primary outcome or consequences of the study: post-test (knowledge and practice) was done two months after the training.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017012132094N1**
Registration date: **2017-03-13, 1395/12/23**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2017-03-13, 1395/12/23

Registrant information

Name

Marjan Rasouli

Name of organization / entity

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Recruitment status

Recruitment complete

Funding source

Vice President of Research in Islamic Azad University
Qom

Expected recruitment start date

2015-04-03, 1394/01/14

Expected recruitment end date

2015-04-21, 1394/02/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of effectiveness of classic and PBL education in Gastro Intestinal Tract title from health assessment lesson on the information level, satisfaction and clinical skills of second year Nursing students in Islamic Azad University, Qom branch in 2014

Public title

Application of PBL and lecture teaching methods on nursing students' knowledge and their performance

Purpose

Other

Inclusion/Exclusion criteria

Inclusion criteria: studying "health status" lesson in the

third semester for the first time. Exclusion criteria; unwillingness to continue to participate or not participate in the tests after the intervention.

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 64

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Single blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Islamic Azad University, Qom Branch

Street address

School of Nursing and Midwifery, Islamic Azad University, Qom Branch, 15 Khordad boulvar,

City

Qom

Postal code

Approval date

2015-02-16, 1393/11/27

Ethics committee reference number

93/8

Health conditions studied

1

Description of health condition studied

PBL and lecture education methods

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Knowledge

Timepoint

Before and two months after intervention

Method of measurement

A self-made questionnaire to assess knowledge

2

Description

Performance

Timepoint

Before and two months after intervention

Method of measurement

Performance observation checklist

Secondary outcomes

empty

Intervention groups

1

Description

This quasi-experimental study was conducted on 64 nursing students (in their third semester) who had chosen evaluation of health status course in Qom Islamic Azad University. The students were randomly divided into two groups of cases (32 persons). Asking questions and problem-solving resources was introduced by instructor. Problem-based learning group was divided into 5 sub-groups of 7-6 members and one member of the group was selected as guide and supervisor. Members of each group were working under the supervision of head and head were under their supervision. So as to implement, in the first session, stated educational goals and 2 clinical cases with radiographs, slides and classroom were raised key questions related to gastro-intestinal diseases. In this session, students Mygzardnd information gathered themselves together to share and discuss their subjective. Each leader will ensure that all members of the group have contributed to the problem, then summarize and present the results of studies.

Category

Diagnosis

2

Description

The second group(control), the instructor taught by lecture with questions and answers and whiteboard

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Islamic Azad University, Qom branch

Full name of responsible person

Marjan Rassouli

Street address

School of Nursing and Midwifery, Islamic Azad University, Qom Branch, 15 Khordad boulevard,

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Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Islamic Azad University, Qom Branch

Full name of responsible person

Mahboube Sharif (Vice President of Research)

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Qom, Pardisan, Daneshgah boulevard, Islamic Azad University, Qom Branch

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

Yes

Title of funding source

Islamic Azad University, Qom Branch

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**

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Full name of responsible person

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Position

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لطفا نام و مشخصات و آدرس معاونت پژوهشی (تحقیقات و فناوری) دانشگاه مربوطه خود را در محل حمایت کننده مالی وارد کنید. فرد حامی مالی مطالعه نمی تواند یکی از افراد مسئول علمی، پاسخگوی عمومی یا بروز رسانی اطلاعات باشد.

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master of science in nursing

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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