

Clinical Trial Protocol

Iranian Registry of Clinical Trials

05 Jul 2026

Effectiveness of Clinical Teaching Associate Model on clinical learning of nursing students in Hematology and Oncology ward

Protocol summary

Study aim

Determine the effect of CTA model on effectiveness of clinical nursing learning

Design

60 nursing students of oncology course that they are training, will divide into two control and case groups by systematic sampling and then the intervention(case) group will reached by CTA model and control group will taught by traditional model too.

Settings and conduct

this study will be done at oncology ward of shahid Ghazi hospital in Tabriz. Educational colleges will informed about learning goals, teaching methods, clinical assessment and education before intervention. Students will trained in two different timelines to avoid interference between the two methods. At first, controls will carried out in the oncology section using a routine training method, and then cases that will performed in the same department using the CTA model. Finally, a checklist will be used to assess students' clinical skills. The checklist contains 30 items in six areas, including communication with patients, medication, blood transfusions, pain relief, bleeding and infection control. The answer for each item will be 1 (for poorly done) to 3(for fully completed).

Participants/Inclusion and exclusion criteria

All nursing students that are taking an oncology course for training who are willing to participate in this research.

Intervention groups

A total of 30 nursing trainees are trained in oncology course by the CTA model.

Main outcome variables

Clinical skill in terms of diagnostic power and practice of traditional training group(control) Clinical skill in terms of diagnostic power and clinical practice of the CTA group(case/ intervention)

General information

Reason for update

Acronym

CTA

IRCT registration information

IRCT registration number: **IRCT20180731040649N1**

Registration date: **2018-10-21, 1397/07/29**

Registration timing: **registered_while_recruiting**

Last update: **2018-10-21, 1397/07/29**

Update count: **0**

Registration date

2018-10-21, 1397/07/29

Registrant information

Name

Rozita Cheraghi

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 44 3223 8561

Email address

rozitacheraghi@gmail.com

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-09-23, 1397/07/01

Expected recruitment end date

2018-12-21, 1397/09/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effectiveness of Clinical Teaching Associate Model on clinical learning of nursing students in Hematology and Oncology ward

Public title

Effectiveness of Clinical Teaching Associate Model on clinical learning of nursing students in Hematology and Oncology ward

Purpose

Education/Guidance

Inclusion/Exclusion criteria**Inclusion criteria:**

nursing student training in oncology course

Exclusion criteria:

Students who are unwillingness to participate in this study

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 60

Randomization (investigator's opinion)

Randomized

Randomization description

After giving information to the individuals and obtaining written consent, they will be divided simple randomly into two groups of intervention and control groups. In this randomized sampling, we will try to match the control and intervention groups and to consider the attributes of the two groups such as age, gender, and education average.

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**

Ethic committee of Tabriz University of Medical Sciences

Street address

Tabriz University of Medical Sciences Tabriz, Golgast Street ,Azadi Avenue , Tabriz, Postcode: 5165665931

City

Tabriz

Province

East Azarbaijan

Postal code

5165665931

Approval date

2016-01-30, 1394/11/10

Ethics committee reference number

100196

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

determine the effect of CTA model on clinical learning of nursing students.

ICD-10 code**ICD-10 code description****Primary outcomes****1****Description**

clinical learning of nursing students

Timepoint

At the end of the teaching by the CTA method

Method of measurement

Researcher made questionnaire and checklist for performance review

Secondary outcomes

empty

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

"Intervention group": Training by Clinical Teaching Associate Model (CTA) to 30 nursing trainees in oncology course.

Category

Other

2**Description**

Control group: Training by Traditional and routine teaching method to 30 nursing trainees in oncology course.

Category

Other

Recruitment centers**1****Recruitment center**

Name of recruitment center

Oncology ward of Shahid Ghazi hospital in Tabriz

Full name of responsible person

Madineh Jasemi khaliani

Street address

School of Nursing & Midwifery, Nazlou Campus, Urmia
University of Medical Sciences

City

Urmia

Province

West Azarbaijan

Postal code

5756115111

Phone

+98 44 3275 4962

Email

jasemi_phd@yahoo.com

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tabriz University of Medical Sciences

Full name of responsible person

Dr. Abolghasem Jouyban

Street address

Azadi Avenue , Golgast Street

City

Tabriz

Province

East Azarbaijan

Postal code

5165665931

Phone

+98 41 3335 7310

Email

ajouyban@hotmail.com

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Tabriz 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

Oroumia University of Medical Sciences

Full name of responsible person

Madineh Jasemi Khaliani

Position

Assistant Professor

Latest degree

Ph.D.

Other areas of specialty/work

Nursery

Street address

School of Nursing & Midwifery, Nazlou Campus, Urmia
University of Medical Sciences

City

Urmia

Province

West Azarbaijan

Postal code

5756115111

Phone

+98 44 3275 4962

Email

jasemi_phd@yahoo.com

Person responsible for scientific inquiries

Contact

Name of organization / entity

Oroumia University of Medical Sciences

Full name of responsible person

Madineh Jasemi Khaliani

Position

Assistant Professor

Latest degree

Ph.D.

Other areas of specialty/work

Nursery

Street address

Pardis Nazlou, 11 km of Nazlou Road, Urmia

City

Urmia

Province

West Azarbaijan

Postal code

5756115111

Phone

+98 44 3275 4962

Email

jasemi_phd@yahoo.com

Person responsible for updating data

Contact

Name of organization / entity

Oroumia University of Medical Sciences

Full name of responsible person

Rozita Cheraghi

Position

Lecturer

Latest degree

Master

Other areas of specialty/work

Nursery

Street address

Pardis Nazlou, 11 km of Nazlou Road,Urmia

City

Urmia

Province

West Azarbaijan

Postal code

5756115111

Phone

+98 44 3275 4962

Email

rozitacheraghi@gmail.com

Sharing plan**Deidentified Individual Participant Data Set (IPD)**

No - There is not a plan to make this available

Justification/reason for indecision/not sharing IPD

The study is in progress, so no decision has been made in this regard.

Study Protocol

No - There is not a plan to make this available

Statistical Analysis Plan

No - There is not a plan to make this available

Informed Consent Form

No - There is not a plan to make this available

Clinical Study Report

No - There is not a plan to make this available

Analytic Code

No - There is not a plan to make this available

Data Dictionary

No - There is not a plan to make this available