Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 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 teached 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 SciencesTabriz, 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. AbolghasemJouyban
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