Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Nov 2026

The effects of the King's theory applying on the self-care self-efficacy of the cancer patients undergoing chemotherapy

Protocol summary

Summary

Study objective: To determine the effects of applying King's theory on the self care self-efficacy in cancer patients undergoing chemotherapy. The study Design is pretest- post-test with a control group. Study population: All cancer patients undergoing chemotherapy in the oncology ward in the Shaheed Beheshti Educational and Medical Center in Hamadan. Inclusion criteria: be literate; 18-65 years old; and no history of mental illness and exclusion criteria: discontinuation of participation. After obtaining written informed consent, 60 patients will be randomly allocated to the experimental and control groups. At the first, the patients' level of self-care self-efficacy is determined by the questionnaire of the Strategies Used by Patients to Promote Health (SUPPH). The control group will care and educate as routine. The experimental group in addition to routine care and education will receive the nursing process according to the King's theory with these phrases: 1- nursing assessment (the patient's needs and goal identification); 2– Planning with the patient involvement (determine the nursing diagnosis, mutual goal setting goals, mutual the goal prioritizing and the working out sessions scheduling); 3– nursing implementation (conducting 6-10 interactive session over 10 to 15 minutes between the nurse and patient during 2 weeks, providing the self-care manuals for patients); 4– evaluation (determines the level of the goal achievement according to the patient's affirmation by the goal attainment scale). Two weeks and two months later, both group patients' level of self-care self-efficacy is determined by the SUPPH questionnaire and compared.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013030612722N1**

Registration date: **2013-04-21, 1392/02/01**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2013-04-21, 1392/02/01

Registrant information

Name

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Name of organization / entity

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Recruitment status

Recruitment complete

Funding source

Vice-Chancellor of Research and Technology, Hamadan University of Medical Sciences

Expected recruitment start date

2013-05-22, 1392/03/01

Expected recruitment end date

2013-09-23, 1392/07/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effects of the King's theory applying on the self-care self-efficacy of the cancer patients undergoing chemotherapy

Public title
King's theory applying in the cancer patients undergoing chemotherapy
Purpose
Supportive
Inclusion/Exclusion criteria
The inclusion criteria: patients with cancer undergone chemotherapy; between 18-65 years; least literate; no history of mental illness. The exclusion criteria: participate in the non-routine training and/or similar research during our study; inability to continue his/her participation in the study for any reason.
Age
From **18 years** old to **65 years** old
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
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
Ethical Human Subject Review Board of Hamadan University of Medical Sciences
Street address
Hamadan University of Medical Sciences, Shaheed Fahmideh Ave.
City
Hamadan
Postal code
Approval date
2013-02-14, 1391/11/26
Ethics committee reference number
D/P/16/35/9/4017

Health conditions studied

1

Description of health condition studied
Neoplasms
ICD-10 code
Z51.1,Z00-
ICD-10 code description
Chemotherapy session for neoplasm

Primary outcomes

1

Description
Self care self-efficacy
Timepoint
Before intervention, two weeks and two months after the intervention
Method of measurement
Strategies Used by Patients to Promote Health (SUPPH) questionnaire

Secondary outcomes

empty

Intervention groups

1

Description
The experimental group: in addition to the routine care and education, the patients will receive the nursing process according to the King's theory with these phases: 1- nursing assessment (the patient's needs and goals identification); 2 – Planning with the patient's involvement (determine the nursing diagnosis, mutual goal setting, mutual goal prioritizing and working out sessions scheduling); 3 – nursing implementation (conducting 6-10 interactive sessions over 10 to 15 minutes between the nurse and patient during 2 weeks, providing the self-care manuals for patients); 4 –evaluation (determines the level of the goal achievement according to the patient's affirmation by the goal attainment scale). Control group: patients will be received routine cares and education.
Category
Other

2

Description
Control group: patients will be received routine cares and education.
Category
Other

Recruitment centers

1

Recruitment center

Name of recruitment center
Shaheed Beheshti Educational and Medical Center
Full name of responsible person
Mohammadreza varshoie
Street address
Nursing and Midwifery School, Hamadan University of Medical Sciences, Shaheed Fahmideh Ave.
City
Hamadan

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Vice-Chancellor of Research and Technology, Hamadan University of Medical Sciences
Full name of responsible person
Dr. Heidar Tavilani
Street address
Vice-Chancellor of Research and Technology, Hamadan University of Medical Sciences, Shaheed Fahmideh Ave.
City
Hamadan
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Vice-Chancellor of Research and Technology, Hamadan 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
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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