



In the name of God the merciful the compassionate

Tarbiat Modares University

School of Medical Sciences (Nursing group)

(International students)

Course Name: Oncology Nursing

Number of units: 0.5 theoretical units 1 practical units

Prerequisite: Pathophysiology, pharmacology and adult health exam

Instructors: Dr. Mitra Khoobi

Lesson description:

In this course, learners should be able based on the knowledge gained, know the prevention, treatment and rehabilitation of cancer diseases. The student should be able to apply the learned items in the patient and the community.

Major Objectives:

Being familiar and acquisition of skills in nursing care of cancer patients. Educating the oncologic patient based on the process and learned theories of nursing.

The student should be able to identify and plan for the needs of home care and rehabilitation of clients based on evidence.

Minor Objectives:

At the end of the course, students will be able to:

1. Explain the concepts of epidemiology, etiology, pathophysiology of malignant processes, invasion, metastasis and the role of the immune system.
2. Explain the prevention, screening, diagnosis, classification of cancers, and types of treatment and nursing care.

3. Explain drug treatments and nursing care in cancers.
4. Describe the structural and metabolic complications of cancers and the role of the nurse in prevention, and palliative care.

Teaching method:

This course includes 0.5 theoretical units that are presented in the form of lectures and discussions by teachers. 1 practical units will include 42 hours of internship in the hospital. In this part, the student chooses his internship environment based on the goals set at the beginning of the course.

The student is required to perform the designated learning activities from the stage of assessing and recognizing the problems of clients based on taught disorders to care planning and patient education.

Student duties:

Dear students are expected to:

- 1- Have a suitable intellectual foundation to learn the contents of the lesson.
- 2- Using the taught materials in spreading their knowledge through library studies, try to apply the findings of new researches in order to improve the quality of nursing education.
- 3- Use scientific resources and research findings in performing and presenting learning activities.
- 4- Take responsibility for their own learning and follow the educational programs under the supervision of the relevant instructor.
- 5 - Regularly and continuously attend classes and internships and actively participate in scientific discussions.
- 6- Present the designated learning activities on the set dates.

Learning activities:

1- Determining the goals: At the beginning of the lesson, the student determines his goals based on his needs, interests, and topics and activities in the teaching program table, and identifies the ways to achieve it and how to evaluate it and reports in writing.

2- Clinical work report: The student must be present at the internship place after the start of the class and provide a written report of clinical work based on the objectives of the course. The reports should be organized in a maximum of 2 to 3 pages and should have the date, time, place and purpose of the activities performed, as well as the amount of achievement of the mentioned goal, and at the end, should include conclusions and suggestions to solve possible problems. This report can be in the form of a health status report of one of the chronic diseases taught along with the program and implementation of self-care training for them.

3- Card summary: Students must read and write at least 4 articles related to the course topics during the semester and present them as a card summary.

4- Completing the clinical skills logbook checklist

5 - Evaluation of goals: At the end of the semester, students briefly evaluate and report on the achievement of the goals set at the beginning of the semester in 1 to 2 pages.

Evaluation method:

0.5 theoretical units	1 practical unit
1- Class participation -20%	1- Clinical work report 1 -10%
2- Each card summary (5%)- 30%	2- Clinical report 2- 40%
3- Final exam-50%	3- Setting goals and evaluation-10%
Total 100%	4- Complete the skills logbook-40%
	Total 100%

Theoretical Schedule in oncologic nursing

<u>No</u>	<u>discussion Topics</u>	<u>Instructor</u>	<u>Date</u>
<u>1</u>	Introduction to the lesson plan, concepts of epidemiology, etiology, pathophysiology in cancer and malignancy, invasion, metastasis and the role of the immune system	<u>Dr. Mitra</u> <u>Khoobi</u>	
<u>2</u>	Prevention, screening, diagnosis and classification of cancers and a variety of treatments and nursing care	<u>Dr. Mitra</u> <u>Khoobi</u>	
<u>3</u>	Pharmacological treatments and nursing care in cancers	<u>Dr. Mitra</u> <u>Khoobi</u>	Card1
<u>4</u>	Complications of cancers including structural and metabolic and the role of the nurse in prevention, care and palliative care	<u>Dr. Mitra</u> <u>Khoobi</u>	Card2
<u>5</u>	Final exam		

Reference

1- Scientific journals (articles)

2- Brunner & Suddarth's Textbook of Medical Surgical Nursing, 14th edition, Lippincott, Co. New York, 2018.