



School of Medical Sciences (Nursing group)

Course Name: nursing of chronic medical –surgical disease

(International students)

Number of units: 1.5 theoretical units 1.5 practical units

Prerequisite: Pathophysiology, pharmacology and adult health exam

**Instructor: Dr. Mitra Khoobi**

**Lesson description:**

In this course, learners should be able based on the knowledge gained, explain chronic diseases such as heart failure and stroke, chronic obstructive pulmonary disease, chronic kidney failure, stroke and AIDS. Then apply the principles and skills of nursing care to these patients from prevention to rehabilitation along with self-care education.

**Major Objectives:**

Being familiar and acquisition of skills in nursing care of chronic diseases and transplant patients.

Educating the 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 concept of self-care, chronic illness care, home care and rehabilitation based on nursing diagnoses.

2. Explain chronic diseases such as heart failure and stroke, chronic obstructive pulmonary disease, chronic kidney failure, stroke and AIDS. Then apply the principles and skills of nursing care to these patients from prevention to rehabilitation along with self-care education.
3. Explain chronic diseases in the metabolic systems (diabetes), gastrointestinal tract (gastric ulcer, ostomies). Then apply the principles and skills of nursing care to these patients from prevention to rehabilitation along with self-care education.
4. Explain transplantation, nursing care, and ethical principles and self-care education in transplant patients.

**Teaching method:**

This course includes 1.5 theoretical units that are presented in the form of lectures and discussions by teachers. 1.5 practical units will include 68 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:**

2 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 nursing of chronic medical-surgical disease**

<u>No</u>	<u>discussion Topics</u>	<u>Instructor</u>	<u>Date</u>
<u>1</u>	Introducing the lesson plan and concepts of chronic disorders, self-care, home care and rehabilitation	<u>Dr. Mitra</u> <u>Khoobi</u>	
<u>2</u>	Cardiovascular disorders (CAD, MI, nursing care and self - care education)	<u>Dr. Mitra</u> <u>Khoobi</u>	
<u>3</u>	Gastrointestinal disorders (Liver cirrhosis and hepatitis ) nursing care and self-care education	<u>Dr. Mitra</u> <u>Khoobi</u>	
<u>4</u>	4- Metabolic disorders (diabetes) Nursing care and self-care education	<u>Dr. Mitra</u> <u>Khoobi</u>	Card1
<u>5</u>	Cardiovascular disorders (Heart failure, nursing care and self - care education	<u>Dr. Mitra</u> <u>Khoobi</u>	Card2
<u>6</u>	Gastrointestinal disorders (IBD, Ostomy,) Nursing care and self-care education	<u>Dr. Mitra</u> <u>Khoobi</u>	Card3
<u>7</u>	Kidney disorders (chronic kidney disease) Nursing care and self-care education	<u>Dr. Mitra</u> <u>Khoobi</u>	Card4
<u>8</u>	Chronic Infectious Diseases (AIDS) Nursing care and self-care education	<u>Dr. Mitra</u> <u>Khoobi</u>	
<u>9</u>	Respiratory Disorders (COPD) Nursing care and self-care education	<u>Dr. Mitra</u> <u>Khoobi</u>	

<u>10</u>	Neurological disorders (MS) Nursing care and self-care education	<u>Dr. Mitra</u> <u>Khoobi</u>	
<u>11</u>	Respiratory disorders (respiratory failure) Nursing care and self-care education	<u>Dr. Mitra</u> <u>Khoobi</u>	
<u>12</u>	Transplantation, nursing care and the role of nurses and ethical considerations	<u>Dr. Mitra</u> <u>Khoobi</u>	
<u>13</u>	Final exam		

**Reference**

1- Scientific journals (articles)

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