In the name of God

Iran University of Medical Sciences
Faculty College of Nursing & Midwifery
International campus
Care of adults with acute and chronic disorders (2)

Course plan

Semester (2) 404-1405

COURSE OUTLINE
Course Title: Care of adults with acute and chronic disorders
Course of Credits: 3 (theoretical & practical)
Department: medical surgical nursing
Co & Pre-requisites: clinical nursing pharmacology, pathophysiology, advanced physical examination assessment
Student level: Master of Science
Course & class presentation site: oral presentation
Course director & responsible: Nima pourgholam
Theoretical Course Coordinator:, Hanieh Gholamnejad-Tahereh Alsadat Khoubbin Khoshnazar-Nima Pourgholam

Course faculties & tutors email

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Lesson Description:

Course description: Relying on their previous learning, learners will learn advanced care and training for patients with digestive disorders, liver, bile ducts and pancreas, endocrine glands, kidney and urinary and genital tracts and based on a selected model of nursing. They will acquire skills in the field of advanced care of patients in hospitals and other related care centers. The basis of providing specialized nursing care is the nursing process and the extraction of nursing diagnoses according to the new classification of Nanda according to the patient's condition. Completing written tasks and participating in question and answer and active participation in the classroom or discussion forum and chat room facilitate the achievement of educational goals and help students learn better (the .activities of the teacher and students are described in the following pages)

Course program components:

A: Theoretical

- Principles of advanced nursing care in adults with digestive system disorders based on standard nursing diagnoses
- Principles of advanced nursing care in adults with nutritional and excretory disorders caused by gastrointestinal resection surgery and obesity based on standard nursing diagnoses

- Principles of advanced nursing care in adults with liver, bile ducts and pancreas disorders based on standard nursing diagnoses
- Principles of advanced nursing care in adults with acute and chronic renal and genitourinary disorders based on standard nursing diagnoses
- Principles of advanced nursing care in adults with endocrine disorders based on standard nursing diagnoses
- Application of common drugs in the mentioned disorders and teaching self-care to clients and their families
- The nurse's role in nutrition education and lifestyle modification of clients Nursing care of patients receiving and donating organs, as well as ethical issues related - to organ transplantation

B: practical:

- Clinical field

Providing advanced nursing care to hospitalized patients in the relevant departments in the form of one of the applied theories of nursing and based on the framework of the nursing process.
- Familiarity with and ability to report abnormal and suspicious cases related to various laboratory and para-clinical tests of clients
- Providing advanced care to clients in endoscopy departments
- Performing new advanced dressings in open and closed acute surgical wounds

- Internship:

All internal medical surgical (adult chronic diseases), digestion, liver and bile ducts and pancreas, glands, nephrology and urology
And the guard according to the schedule

General purpose:

Learners' familiarity and skill acquisition regarding advanced nursing care regarding the care of clients suffering from acute and chronic disorders of the digestive, absorptive, excretory, reproductive and self-regulating systems along with teaching how to take care of oneself based on nursing process and theories in a way that Identify the care needs of
this group of patients and be able to plan and implement specialized nursing care in the hospital, home, rehabilitation and teach how to "self-care" to patients and families based on evidence

.**Partial objectives:**

(It means setting the general goal into specialized components that are clearer and more transparent than the general goals and show the main axes of the program. Intermediate goals can be divided into more specific components called special goals, which are actually the same behavioral goals.)

At the end of this course learners will be able to:

Cognitive domain:

1 -Explain the concept of chronic disorders, the concept of self-care, the concept of home care and rehabilitation based on nursing diagnoses.

2 -Describe the principles of advanced nursing care in adults with digestive system disorders based on standard nursing diagnoses.

3 -Explain the principles of advanced nursing care in adults with nutritional and excretory disorders caused by gastrointestinal resection surgery and obesity based on standard nursing diagnoses.

4- State the principles of advanced nursing care in adults with liver, bile ducts and pancreas disorders based on standard nursing diagnoses.

5 -To describe the principles of advanced nursing care in adults with acute and chronic renal and genitourinary disorders based on standard nursing diagnoses. 6 -Explain the principles of advanced nursing care in adults with endocrine disorders based on standard nursing diagnoses.

7 -Tell the clients and their families about the use of common drugs in the mentioned disorders and how to take care of themselves.

8 -Describe the nurse's role in nutrition education and lifestyle modification of clients. 9 -Describe the nursing care of organ recipient and donor clients as well as ethical issues related to organ transplantation.

10 -Describe the nurse's role in improving the lifestyle of clients with acute and chronic disorders and their families.

.11-Name the concept of organ transplantation and its nursing measures 12 -
Describe the ethical issues related to organ transplantation.

13 -Explain the role of the nurse in the care of organ donor and recipient patients.

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14 -List the methods of reducing complications and improving the quality of life.

Emotional domain (beliefs and attitudes)

1- Believe in individual differences.

2- Due to individual differences, each person's education will be different. 3- Each person has a very important role in deciding their position.

4- Individuals as human beings have legal and moral rights.

5- Respect the opinions of others.

6- Follow the study to reach the desired result.

7- Feel responsible for the assigned duties and responsibilities

8- They actively participate in the class

Psychomotor domain (skills):

1- Present the assigned tasks on time individually and in groups.

2- By using listening skills and feedback in class discussions, they should actively participate in discussion forums and chat rooms.

3- To present the provided educational tips for the target people.

4- Participate in criticism, response and class discussions individually and in groups and present the assignments to the professor.

Defaults assumptions:

This course is based on the following assumptions.

1- The level of knowledge, individual goals and learning methods of learners are different. 2- Learners are ready to take responsibility for their own learning and follow their educational programs under the guidance of professors.

Learning assist tools:

Question and answer, whiteboard, video projector, educational films and computer slides in face-to-face class and using Adobe connect, Skype in virtual classes and LMS and Navid .system will be among the teaching aid methods used in the aforementioned courses

Learning tasks:

Learners are expected to:

1- To acquire the appropriate scientific infrastructure to learn the taught material. 2- By using the raised discussions, expand their information through library studies. 3- In preparing their tasks, they should use new scientific sources and research findings and have correct references to these sources.

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4- Take responsibility for learning as much as possible and follow their educational programs under the supervision of the relevant professors.

5- Continuously, regularly and regularly without absenteeism, participate in classrooms in person and virtually and participate effectively in scientific discussions. 6- Present their assignments in the designated times and participate in the end-of semester theory test sessions with full preparation.

7- Absence in class should not exceed the allowed limit of 4/17 hours, in case the absence is more than the allowed limit:

A- If more than 1/2 absences are justified, that lesson will be removed. B- If the absences are unjustified, a score of zero will be given for it. 8- Active participation in the class and discussion forum and chat room will be controlled if the lessons are presented virtually.

Teaching-learning methods:

1- The content of this course is presented in a small group, lecture, journal club, various simulation methods and bedside teaching methods and questions and answers by the relevant professors and students (under the guidance of the professors) and using educational aids and in the form of Online or virtual LMS is provided. Teaching hours are a total of 24 hours in person or virtual (25% of courses are taught virtually), 2- Presenting a summary related to the course topics in the form of a project unit: Students are required to be based on course topics and related to the last 5 years. (2017 to 2022)

Educational approach:

This lesson will be held face-to-face. Educational materials will also be uploaded to the Navid system**.**

Final semester written exam:

At the end of the semester, all taught items will be examined.

Examination methods:

Exams will be planned based on the type of course and will be a combination of descriptive, short answer, and multiple choice exams, according to the opinion of the professors in the final exam

Theoretical unit evaluation method (formative & summative evaluation)

10%	**active participation in class room**
30%	Provide summaries related to course titles in the form of a project unit (oral)

60%	**final written exam included** .All items will be taught
100 %	**overall**

To evaluate the practical (summative evaluation)

55%	**active company in the department, clinical environment and related centers and evaluation**
45%	Presentation and implementation of 3 reports from clients from health status assessment to evaluation based on nursing models with emphasis on pharmacological and nutritional care

100 %	**Overall**

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Course class session calendar

Semester (2) 1404-1405

lecturer	subjects	day and date
-Nima Pourgholam	Orientation, introduction and lesson description Advanced Nursing Assessment of Renal and Urinary Disorders Diagnostic Tests Fluid and Electrolyte Balance Renal Function Monitoring	
-Nima Pourgholam	Nursing Care of Acute and Chronic Kidney Disease Acute Kidney Injury (AKI) Chronic Kidney Disease (CKD) Renal Replacement Therapy	
-Nima Pourgholam	Management of Common Urologic Disorders Urinary Tract Infections Urolithiasis Benign Prostatic Hyperplasia	
-Nima Pourgholam	Nursing Care of Patients Undergoing Dialysis and Kidney Transplantation Hemodialysis Peritoneal Dialysis Pre- and Post-Transplant Care Ethical Considerations	
Hanieh Gholamnejad	Advanced Assessment and Nursing Management of Diabetes Mellitus Type 1 & Type 2 Diabetes Acute and chronic complications Self-management education	

Hanieh Gholamnejad	**Nursing Care of Thyroid and Parathyroid Disorders Hyperthyroidism and Hypothyroidism Thyroid crisis and myxedema coma Post-thyroidectomy care**	
Hanieh Gholamnejad	**Nursing Management of Adrenal and Pituitary Disorders Cushing Syndrome Addison Disease Pituitary dysfunctions**	
Hanieh Gholamnejad	**Evidence-Based Nursing Interventions in Endocrine Emergencies Diabetic Ketoacidosis (DKA) Hyperosmolar Hyperglycemic State (HHS) Adrenal Crisis and Thyroid Storm**	
Tahereh Alsadat Khoubbin Khoshnazar	**Advanced Nursing Care of Upper and Lower Gastrointestinal Disorders GERD Peptic Ulcer Disease Inflammatory Bowel Disease Colorectal Disorders**	
Tahereh Alsadat Khoubbin Khoshnazar	**Nursing Management of Liver and Biliary Tract Disorders Hepatitis Cirrhosis Portal Hypertension Gallbladder Disorders**	
Tahereh Alsadat Khoubbin Khoshnazar	**Care of Patients with Pancreatic Disorders Acute Pancreatitis Chronic Pancreatitis Pancreatic Cancer**	
Tahereh Alsadat Khoubbin Khoshnazar	**Nutritional Support and Patient Education in Gastrointestinal Diseases Enteral Nutrition Parenteral Nutrition Lifestyle Modification Discharge Planning**	

Good luck