



Kurdistan University of Medical Sciences

Educational Assistant
Center for Studies and Development of Medical Education
Curriculum planning unit

Combined course plan form (Attendance and absenteeism)

General characteristics of the course

Name of unit: Gastroenterology and abdominal surgery critical care nursing	Faculty: Nursing and Midwifery	Course: Critical Care Nursing
Degree: Masters	Number of theoretical unit : 1	Second semester
Academic year: 2023-2024	Lecturer: Dr. Seidi	Prerequisite or simultaneous course: Basics of critical nursing care, diagnostic evaluations, pharmacology
Class day: Monday	Class time: 14-16	

- **Details of the responsible teacher:**

First name	last name	rank	group	College/hospital	Phone number	Mobile Phone Number
Jamal	Seidi	Associate professor	Nursing	Nursing and Midwifery	+98208733627636	+9809183781006

E-mail address of the responsible teacher: jamal.seidi@yahoo.com

Objectives and introduction of the lesson

A: introduction of the lesson

B: General objective

Getting to know the principles of critical nursing care for gastrointestinal diseases and abdominal and pelvic surgery

C: Specific objective

1- Cognitive:

At the end of the course, the student should be able to:

1. Explain the anatomy and physiology of the upper, lower and appendages of the digestive system.
2. Explain the defense systems of the digestive system.
3. Nursing review and examination for a patient with gastrointestinal disease requiring critical care, nursing review in diagnostic studies related to gastrointestinal diseases requiring critical care, and emergency examination of patients with gastrointestinal disease requiring critical care.
4. Describe the use of diagnostic tests in gastrointestinal disorders
5. List of common nursing diagnoses in patients with gastrointestinal tract.
6. Describe critical clinical problems including the following:
 - Common gastrointestinal disorders in patients under intensive care
 - Nutritional disorders in patients with critical condition and critical nursing care
 - Liver failure, hepatic encephalopathy, esophageal varices
 - Types of abdominal blows and their critical nursing care
 - Types of interventional procedures in acute abdominal surgeries
 - Critical nursing care for patients undergoing abdominal and pelvic surgeries
 - Acute abdominal compartment syndrome and critical nursing care
 - Care of drains and abdominal pressure monitoring

2- Psychomotor:

- At the end of the course, the student should be able to know the principles of critical nursing care for gastrointestinal diseases and abdominal and pelvic surgery in the care of patients

3- Attitudinal:

- At the end of the course, the student should be able to motivate and interest

B: Brief introduction of the lesson

In this course, the student gets acquainted with the principles and concepts of nursing care for the digestive system and acquires the necessary ability to provide care to clients and patients with acute and critical disorders of the digestive system.

Determining face-to-face lesson sessions

No	The title of the face-to-face meeting	Date of presentation	How to present	How to provide the necessary facilities
1	Common gastrointestinal disorders in patients under intensive care	31 - 1 - 2024	Lecture/question and answer/reverse class/group activity	Laptop/vido projector/whiteboard
2	Nutritional disorders in patients with serious condition and critical nursing care	19 - 2 - 2024	Lecture/question and answer/reverse class/group activity	Laptop/vido projector/whiteboard
3	Liver failure, hepatic encephalopathy, esophageal varices	25 - 2 - 2024	Lecture/question and answer/reverse class/group activity	Laptop/vido projector/whiteboard
4	Types of interventional procedures in acute abdominal surgeries	4 - 3 - 2024	Lecture/question and answer/reverse class/group activity	Laptop/vido projector/whiteboard
5	Types of abdominal blows and critical nursing care	11 - 3 - 2024	Lecture/question and answer/reverse class/group activity	Laptop/vido projector/whiteboard
6	Critical nursing care for patients undergoing abdominal and pelvic surgeries	8 - 4 - 2024	Lecture/question and answer/reverse class/group activity	Laptop/vido projector/whiteboard
7	Acute abdominal compartment syndrome and abdominal pressure monitoring	15 - 4 - 2024	Lecture/question and answer/reverse class/group activity	Laptop/vido projector/whiteboard
8	Gastrointestinal bleeding and drain care	22 - 4 - 2024	Lecture/question and answer/reverse class/group activity	Laptop/vido projector/whiteboard

Determining non-attendance sessions

Anticipated non-attendance part (including the title, date of presentation, the second session of all the in-person and non-attendance sessions)	The reason for the possibility of absenteeism	The method of covering content in absentia (Including how to present, being online or not, required facilities, etc.)
Text/multimedia/educational video	Flipped classroom - discussion in the discussion room	Discussion and group work in the discussion room in the Navid system

Study resources for students

Book details including title, authors, translators, publications, year and time of publication	Pages and chapters specified for the test
1) Brunner LS, Smeltzer SCOC, Bare BG, Hinkle JL, Cheever KH. Brunner & Suddarth's Textbook of Medical-surgical Nursing: Wolters Kluwer Health/Lippincott	Common intestinal digestive disorders, nutritional disorders, liver failure, hepatic encephalopathy, esophageal varices, acute abdominal surgeries, types of abdominal trauma and care
.Williams & Wilkins; 2018	Critical nursing, abdominal and pelvic surgeries, acute abdominal compartment syndrome and abdominal pressure monitoring, gastrointestinal bleeding and drain care

Article details including title, authors, journal, year and publication number and pages	How students can access the article
Mahmoud Gholam Al-Mohammed, and Iman Rahimi, "Estimation of mean arterial pressure by invasive monitoring of arterial pressure with a manometer," Journal of Faculty of Medicine, vol. 66, no. 11, pp. 814-820, 1387.	https://www.sid.ir/paper/39465/fa
Korosh Shamimi, Ali Aminian, Fereydoun Moazzami, Mehdi Jalali. Intra-abdominal hypertension and	https://tumj.tums.ac.ir/article-1-863-fa.html

abdominal compartment syndrome in surgical patients admitted to the critical care department of Imam Khomeini Hospital in 2003. Journal of Faculty of Medicine, Tehran University of Medical Sciences. 2005; 64 (12): 76-83

Type of content*	Specifications including title and authors/producers	Description (address in the system or link)
film	Abdominal Compartment Syndrome/Medical education under repair/Apparatus site	https://www.aparat.com/v/Nya7z
Audio-video-text podcast	Gastroenterology and abdominal surgery critical care nursing / Jamal Saidi	https://muknavid.smums.ac.ir/
Audio-video-text podcast	Abdominal compartment syndrome/gastrointestinal bleeding and care of drains/senior students	https://muknavid.smums.ac.ir/

Self-examination, assignments, term-long and end-of-semester projects for students

•Self-examination:

In this course, students will answer critical questions and scenarios planned in class and then evaluate themselves. At the end of the final presentation, they will compare the teacher's and classmates' evaluation with their own evaluation

•Semester-long assignments:

Before each session, based on the course and lesson plan, the student must have pre-study so that he can participate in class activities in the form of questions and answers and group discussions. Also, during the semester, in the classroom and discussion room of the Navid system, they can answer or criticize the questions of the professor and other classmates.

•Semester long project:

1. Choosing a subject in the care of gastrointestinal patients in the intensive care unit
2. Discuss the selected topic in the discussion room of the Navid system
3. Final presentation in face-to-face class after applying the comments of classmates and professor

Other learning activities

Discussion room (forum) in Navid system

Dear students, use this section to discuss the practical work and complete the project. Set a time in advance for each discussion with the teacher and classmates. Also, other teaching aid materials for the development of learning will be uploaded in the Navid system

Evaluation of students

- **Presenting the process or grade of assignments or in the case of presenting a conference:**

Content completeness (taken from at least three research articles on the chosen topic) and authentic text

- Newness of the resources used
- Complying with the rules of writing
- How to express content and summarize

2. What is the method of students' final exam (end-of-semester face-to-face exam)? (oral, practical, descriptive, test or...)

a) Final: four-choice and descriptive questions

b) How to calculate the score including:

Class attendance and virtual activity during the semester: 2 marks of practical project: 4 marks of final exam: 14 marks

c) End of semester exam time: according to the faculty exam schedule

- Symmetrical meetings with holidays or occasions for any reason will be held in coordination with the faculty and students.

✓ **Name and family name and signature of the teacher responsible for the course:
Dr. Jamal Seidi**

✓ **Name and surname and signature of the group manager:**

✓ **Dr. Jamal Seidi**

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