

SURGICAL NURSING I

FACULTY	HEALTH SCIENCES		
DEPARTMENT	NURSING		
LEVEL OF EDUCATION	UNDERGRADUATE		
COURSE CODE	0805.3.002.0	SEMESTER OF STUDIES	3rd
COURSE TITLE	SURGICAL NURSING I		

SELF-ENDED TEACHING ACTIVITIES	TEACHING HOURS / WEEK	CREDIT UNITS
Theory	4	
Coaching school	1	
Laboratory		
Clinical exercise	3	
Total	8	7
COURSE TYPE:	COMPULSORY	
PREREQUISITE COURSES:	NO	
LANGUAGE OF TEACHING and	GREEK	
EXAMINATIONS:	NO	
THE COURSE IS OFFERED TO	https://eclass.hmu.gr/courses/NURS198/	

Learning results

The purpose of the course is to understand basic concepts related to the field of Surgical Nursing with special emphasis on disorders of the respiratory and digestive system and to train the student in clinical skills needed by surgical patients. After completing the course, students will be able to:

- understand and apply the nursing care of patients undergoing surgery.
- understand nursing history and implement nursing plan of care.
- understand and apply the technique of blood collection and venepuncture.
- understand and apply nursing care to patients undergoing diagnostic tests to check the function of the respiratory and digestive systems.
- understand and apply the appropriate nursing approach to stoma care.
- recognize patients with disorders of the respiratory and digestive systems.
- recognize the clinical symptoms of surgical diseases of the respiratory and digestive system.
- recognize and implement appropriate nursing care for patients with respiratory and digestive system disorders based on the nursing process and care plans.
- choose the appropriate sanitary materials to apply the technique of blood sampling and venepuncture.

- understand and manage factors that increase perioperative risk and postoperative complications.
- understand and manage the appropriate technique and material for blood culture, haematological and biochemical tests, thrombin prothrombin times and erythrocyte sedimentation rate.
- perceive and manage the doses and timing of intravenous fluids and medications and adjusts drip flow through infusion devices accordingly.
- understand and manage the appropriate materials in the chest puncture procedure.
- understand and manage materials and appropriate equipment for administering oxygen to patients according to their needs using oxygen therapy devices.
- become aware of the patient and their needs by approaching them and their environment in a supportive manner.

General Skills

Search, analysis and synthesis of data and information with the use of the necessary technologies, Decision-making, Freelance work, Teamwork, Work in an interdisciplinary environment, Respect for diversity and multiculturalism, Demonstrating social, professional and ethical responsibility and sensitivity, Promotion of free, creative and inductive thinking

Course content - Theory outline

1st week	Introduction to Nursing Care of Patients Undergoing Surgery - Preoperative & Postoperative Nursing Care
2nd week	Nursing history - nursing process
3rd week	Evaluation of patients with diseases of the upper respiratory system
4th week	Nursing Diagnoses of Patients with Diseases of the Upper Respiratory System I- Nursing Care Plans - Specimen Collection - Oxygen Therapy
5th week	Nursing diagnoses of patients with diseases of the upper respiratory system II- Nursing care plans- Oxygen therapy II- Venepuncture
6th week	Nursing Diagnoses of Patients with Lower Respiratory Diseases I - Nursing Care Plans - Fluids & Electrolytes
7th week	Nursing diagnoses of patients with diseases of the lower respiratory system II - Nursing care plans - Exercises of clinical problems - scenarios related to the nursing care of patients with diseases of the respiratory system
8th week	Traumatic injuries of the chest - chest puncture - Intravenous infusion I
9th week	Care of surgical wound-burn - nursing care- Intravenous infusion II
10th week	Evaluation of patients with diseases of the digestive system - history - diagnostic tests - endoscopies
11th week	Nursing diagnoses of patients with diseases of the upper digestive system I-Nursing care plans
12th week	Nursing diagnoses of patients with diseases of the lower digestive system I- Nursing care plans - Ostomy
13th week	Nursing diagnoses of patients with diseases of the lower digestive system II- Nursing care plans - Exercises of clinical problems - scenarios related to the nursing care of patients with diseases of the respiratory and digestive systems.

Course content – Outline of Tutorial – Laboratory – Clinical Practice

Clinical Placement	Familiarity with the Hospital - department procedures
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1st- 13th week	Department Forms - Medical History - Specimen Collection - Vital Signs - Subcutaneous Injections - Administration of Inhaled Medicines Dialysis - preparation of drugs peros, IM - Oxygen therapy - - monitoring of hospitalization - blood sampling - placement of venous catheter – serum enrichment - Monitoring and participation in bed care, mouth care, dressing change in operative trauma/burn.
COACHING SCHOOL 1st- 13th week	Blood draw - taking tests Placement of a peripheral venous catheter Intravenous solutions – intravenous fluids Oxygen therapy – Administration of inhaled drugs Nursing care of surgical wound Oral Nursing Care Chest drain – preparation/check
TEACHING and LEARNING METHODS - EVALUATION	
TEACHING METHOD	THEORY Traditional lectures using power point software. Interactive discussion with students. Case studies. Role-playing games. COATHING SCHOOL Simulation Workshop – Case study/skills by using clinical protocols CLINICAL PLACEMENT Practice in clinics/departments of the Surgery Department.
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	Electronic slide show. View video in digital format. Use of e-class electronic platform for storing presentations in digital format for easy access by students. Simultaneously with the use of the same platform, frequent communication with students for actions related to the educational process.
TEACHING ORGANIZATION	Activity Semester Workload Lectures: (total 13X4) Coaching school: 13X1 Clinical exercise: 13X3 Course Total: 210
EVALUATION OF STUDENTS	Theoretical part of the course 100% from a written final exam. Laboratory part of the course
RECOMMENDED BIBLIOGRAPHY (into Greek language)	
<ul style="list-style-type: none"> ● Βιβλίο [13256960]: Παθολογική Χειρουργική Νοσηλευτική II, Osborn K.S., Wraa C.E., Watson A. ● Βιβλίο [32998071]: Παθολογική-Χειρουργική Νοσηλευτική Κριτική Σκέψη κατά τη Φροντίδα του Ασθενούς, Lemone, Burke, Bauldoff ● Βιβλίο [13256847]: Παθολογική χειρουργική νοσηλευτική, Dewit Susan C. 	