

Course Unit	Medical-Surgical Nursing I		Field of study	Nursing	
Bachelor in	Nursing		School	School of Health	
Academic Year	2022/2023	Year of study	2	Level	1-2
Type	Semestral	Semester	1	ECTS credits	6.0
Code	9500-698-2103-00-22				
Workload (hours)	162	Contact hours	T -	TP 75	PL -
			TC -	S -	E -
			OT -	O -	

T - Lectures; TP - Lectures and problem-solving; PL - Problem-solving, project or laboratory; TC - Fieldwork; S - Seminar; E - Placement; OT - Tutorial; O - Other

Name(s) of lecturer(s) Claudia Sofia Goncalves Nunes, Hélder Jaime Fernandes, Maria Gorete de Jesus Baptista Martins

### Learning outcomes and competences

At the end of the course unit the learner is expected to be able to:

1. Identify, understand and explain the focus of attention associated with each pathophysiological change due to different disabilities and clinical conditions of the patient;
2. To understand, discuss and intervene in the therapeutic acts instituted to control and prevent pathophysiological changes related to the various clinical conditions;
3. Identify and discuss the needs of nursing intervention, in a holistic conception, related to the various disabilities;
4. Define and implement an individual plan of assistance to the patient, transversal to the various focuses of attention resulting from the incapacities resulting from the clinical conditions.
5. Identify the physical, psychological, social and spiritual needs of the patient/family, in order to develop and implement an individualized plan of care before, during and after surgery.

### Prerequisites

Before the course unit the learner is expected to be able to:  
Not applicable

### Course contents

Identification, rationale and prescription of nursing interventions adequate to control the outbreaks of attention resulting from the incapacities of the patient related to:

- 1 - perioperative period condition;
- 2 - pathophysiological changes of the cardiovascular system and hemodynamics;
- 3 - pathophysiological changes of the respiratory system;
- 4 - pathophysiological changes of the nephro urological system;
- 5 - pathophysiological changes of the integumentary system.

### Course contents (extended version)

1. Interventions to the patient in the perioperative period;
  - General concepts and considerations about the Surgical patient, surgeries and surgical environment
  - Nursing care in the preoperative period
  - Nursing care in the intraoperative period
  - Nursing care in the postoperative period
  - anesthesiology nursing
  - Considerations for Laparoscopic Surgery with Video Viewing
2. Interventions inherent to pathophysiological changes of the cardiovascular and hemodynamics systems;
3. Interventions to the patient inherent to pathophysiological changes of the respiratory system;
4. Interventions to the patient inherent to pathophysiological changes of the nephro urological system;
5. Interventions to the patient inherent to pathophysiological changes of the integumentary system.

### Recommended reading

1. Monahan, F. ; Sands, J. ; Neighbors, M. (2010). Phipps Enfermagem Médico-Cirúrgica. Loures: Lusodidata
2. Urden, L. , Stacy, K; Lough, M (2008). Thelan's Enfermagem em Cuidados Intensivos - diagnóstico e intervenção. Loures: Lusodidata
3. Kutty, K. (2005). Kochar Tratado de Medicina Interna. Rio de Janeiro: Guanabara Koogan
4. Ordem dos Enfermeiros (2016). Classificação Internacional para a Prática de Enfermagem. Versão 2015. Lusodidata
5. Potter & Perry (2017). Fundamentos de Enfermagem. Cuidados com o Paciente Cirúrgico. 9ª ed, Cap 50, pp 1253-1294.Elsevier.

### Teaching and learning methods

Classes are theoretical practical type exhibition and interactive methods through strategies of analysis, debate and discussion of case studies and simulations, using communication techniques oral and multimedia projection of fundamental topics, promoting the individual reflection and encourage communication.

Seminars and video viewing

### Assessment methods

1. Written exam - (Regular, Student Worker) (Final)
  - Final Written Exam - 100%
2. Written exam - (Regular, Student Worker) (Supplementary, Special)
  - Final Written Exam - 100%

### Language of instruction

Portuguese, with additional English support for foreign students.

## Electronic validation

Claudia Sofia Goncalves Nunes, Hélder Jaime Fernandes, Maria Gorete de Jesus Baptista Martins	Ana Fernanda Ribeiro Azevedo	Maria Eugénia Rodrigues Mendes	Adília Maria Pires da Silva Fernandes
14-11-2022	14-11-2022	10-12-2022	10-12-2022