

Course Unit	Clinical Training I - Nursing in Orthopedics		Field of study	Nursing	
Bachelor in	Nursing		School	School of Health	
Academic Year	2021/2022	Year of study	2	Level	1-2
Type	Semestral	Semester	2	ECTS credits	7.5
Code	9501-699-2204-00-21				
Workload (hours)	202,5	Contact hours	T -	TP -	PL -
			TC -	S -	E -
			OT -	O -	132,5

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) Maria José Almendra Rodrigues Gomes, Adriana Cristina Falcao de Oliveira, Joana Catarina Vaz Justo Rodrigues, Joao Ricardo Miranda da Cruz, Maria Helena Falcao Vaz Lino, Nelson Manuel Alves Ferreira, Susana Cristina Magalhaes Teixeira Mendes, Vania Daniela Santos Borges

### Learning outcomes and competences

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

Identify problems and diagnose areas and levels of nursing intervention in patients with traumatologic problems, having in mind the patient's restoring as quickly as possible.

### Prerequisites

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

### Course contents

Planning, evaluating and developing nursing care at the three levels of prevention Dynamic observation of the patient changes and their implication to the B. H. N. using the knowledges taught and respecting both the technical and scientific principles and principles of relationship Develop nursing care related to the nursing diagnose previously defined with respect to the technical and scientific principles, in order to help the patient to reverse the imbalances in the shortest period of time

### Course contents (extended version)

1. Reception of the patient (his orientation in the physical space of the treatment unit)
  - Information of routines, presentation to the health team and other patients
2. Perform dynamic observation of the patient and develop nursing diagnoses
3. To prescribe nursing care under the nursing diagnoses previously defined
4. Implementation and evaluation of nursing care provided
  - Use of the knowledges taught and respecting both the technical and scientific principles
5. Supervise, assist and/or provide care for hygiene and comfort to patients
6. To develop every care targeted to the prevention or control of painful situations
7. To perform nasogastric intubation and bladder catheterization. Perform simple and complex dressings.
8. Monitoring, guide and control the bowel and bladder spontaneous elimination or incontinence
9. Preparation and administration of pharmacological therapy
  - Comply the clinical prescription and attend the scientific and technical principles related with it
  - Recognize and screening of pharmacodynamics interaction of medicines
  - Taking them into account as indicators of evolution or regression of pathophysiological situations.
10. Oxygen administration in patients who need it -Develop technics of kinesiotherapy
11. Interpretation of psychological, physiological and pathophysiological reactions of the patient
12. To establish an empathic relationship with the patient and family during his/her performance
13. Communicate correctly, using scientific oral or written language, to the multi-professional team
  - Communication of any anomalous situation of the patient, respecting the previous assumptions
14. Comply all standards for the maintenance and promotion of a safe and therapeutic environment
15. Have appropriate attitudes in front of the patient's different reactions
16. To show interest in learningship and make it easier to the colleagues
17. Demonstrate willingness to colleagues and other members of the team
18. Respect ethical and deontological principles

### Recommended reading

1. Cunha, E. L. (2005). Execução de aparelhos gessados e ligaduras de imobilização: manual para enfermeiros. Loures: Lusociência
2. Menoita, E. C. (2015). Gestão de Feridas Complexas. Loures: Lusoditacta
3. Monh, F., Sands, J., Neighbors, M., Monek, J., & Green, C. (2010). Phipps Enfermagem Médico-Cirúrgica (8.ª ed.). Loures: Lusoditacta
4. Proença, A. (2008). Ortopedia Traumatologia (2.ª ed.). Coimbra: Imprensa da Universidade
5. Cunha, E. L. (2008). Enfermagem em Ortopedia. Lisboa: Lidel .

### Teaching and learning methods

Dynamic observation made by the tutor of the internship. Practical demonstration of activities Discussion of clinical cases with the tutor of the internship Evaluation of care with the tutor of internship Discussion on pharmacology and pharmacodynamics Pathophysiological discussion from each patient from whom he/she is responsible for.

### Assessment methods

- Continuous assessment of clinical practice - (Regular, Student Worker) (Final)
- Practical Work - 100% (Every student will be evaluated by a continuous observation which is registered in assessment tool)

### Language of instruction

Portuguese

## Electronic validation

Maria José Almendra Rodrigues Gomes	Ana Fernanda Ribeiro Azevedo	Maria Eugénia Rodrigues Mendes	Adília Maria Pires da Silva Fernandes
04-04-2022	04-04-2022	19-04-2022	19-04-2022