

### Caraterização da Unidade Curricular / Characterisation of the Curricular Unit

<b>Designação da Unidade Curricular / Curricular Unit:</b>	[708576101] Opção 1 - Enfermagem em Neurocirurgia		
<b>Plano / Plan:</b>	PLANO - CMEMC-EPSC - a partir 2023/2024		
<b>Curso / Course:</b>	Mestrado em Enfermagem Médico-Cirúrgica, na área de Enfermagem à Pessoa em Situação Crítica		
<b>Grau / Diploma:</b>	Mestre		
<b>Departamento / Department:</b>	ENFERMAGEM		
<b>Unidade Orgânica / Organic Unit:</b>	ESCOLA SUPERIOR DE SAÚDE DE VISEU		
<b>Área Científica / Scientific Area:</b>	Enfermagem		
<b>Ano Curricular / Curricular Year:</b>	1		
<b>Período / Term:</b>	S2		
<b>ECTS:</b>	15		
<b>Horas de Trabalho / Work Hours:</b>	0375:00		
<b>Horas de Contacto/Contact Hours:</b>			
(T) Teóricas/Theoretical:	0000:00	(TC) Trabalho de Campo/Fieldwork:	0000:00
(TP) Teórico-Práticas/Theoretical-Practical:	0000:00	(OT) Orientação Tutorial/Tutorial Orientation:	0072:00
(P) Práticas/Practical:	0000:00	(E) Estágio/Internship:	0180:00
(PL) Práticas Laboratoriais/Practical Labs:	0000:00	(O) Outras/Others:	0000:00
(S) Seminário/Seminar:	0000:00		

### Docente Responsável / Responsible Teaching

[5018] Maria Madalena De Jesus E Cunha Nunes

### Outros Docentes / Other Teaching

[606846] Fernando José Gama da Costa

### **Learning Outcomes of the Curricular Unit**

Identify, in a professional context, needs and problems within the scope of medical-surgical nursing in the domain of neurosurgery

To plan, execute and evaluate specialized nursing care for the person in critical situation in the context of neurosurgical trauma as well as for his and her family

Implement an intervention project in practice, within the scope of the neurosurgery

Participate in the management of material resources as well as in the management of general and specialized care in the domain of neurosurgery, to improve the quality of care

Intervene appropriately for ethically guided and scientifically supported clinical decision-making contributing to the development of the profession

Implement research strategies to improve the level of health, especially in the domain of neurosurgery

Evidencing the ability to reflect in action and on action by preparing a reflective portfolio/critical report of the activities developed.

### **Syllabus**

The student in the Nursing Internship assisting people in critical situations in the field of neurosurgery will develop their learning integrated in a nursing team responsible for providing differentiated and specialized nursing care in view of the uniqueness and uniqueness of the person being cared for.

The syllabus consists of the design, implementation and evaluation of activities in more complex clinical situations, supervised by specialist tutors.

The internship will allow the student to develop knowledge and skills in the context (cognitive, interpersonal and instrumental) in specialized practice in the area of the neurosurgery, in the areas of: care provision, care management, professional learning and quality management

The student will carry out a project at the beginning of the internship and at the end will present a critical and reflective report.

### **Demonstration of the syllabus coherence with the curricular units' learning objectives**

Active methods will predominate in the student-centered teaching/learning process. The use of the inductive-deductive method is foreseen, using the discussion and reflection on the action and in the action, leading to the consolidation of the learning built along the course. Thus, the student has the possibility to create his own training path, depending on his areas of interest and previous experience, thus building his professional project.

We count on the collaboration of specialist nurses in the practice of care, who, in a tutorial regime, will seek to guide the trainees to the realization of this component.

In an integration meeting, the planning of the internship will be presented, with presentation of the guide and internship file (teaching team, learning objectives, skills and competences to be developed, evaluation).

### **Teaching Methodologies (Including evaluation)**

Active methods will predominate in the student-centered teaching/learning process. The use of the inductive-deductive method is foreseen, the discussion and reflection on action and in action, leading to the consolidation of learning built along the course. We count on the collaboration of specialist nurses in the practice of care, who, in a tutorial regime, will seek to guide the trainees towards the realization of this component.

The evaluation will be assigned on a scale from 0 to 20 and will result from the continuous assessment carried out by the tutors and the teacher responsible for the internship (using a measurement instrument built for the purpose) and the evaluation of the work presented (internship project, report and/others) in a ratio of 3 (continuous evaluation) to 1 (works). Approval assumes a higher rating than 9.5.

### **Demonstration of the coherence between the teaching methodologies and the learning outcomes**

As the objectives are directed towards clinical practice in a professional context within the scope of nursing intervention in medical-surgical nursing in the context of neurosurgery, the methodologies seek to adapt to the specific objectives of the internship, leading students to mobilize knowledge for the practice of care and the reflect on these same practices in improving the quality of care.

In this way, the internship aims to enable students to acquire skills (cognitive, interpersonal, instrumental) in caring for the person in a critical situation in the context of neurosurgery, in the following domains:

- (a) domain of care provision, the student plans and implements a plan of differentiated and specialized nursing interventions, with a high degree of adequacy, of the person in a critical situation in the neurosurgical context and family needs;
- (b) in the field of care management - the student constitutes himself as a promoter of the quality of the care that clients need, integrating in a synergistic way in the health team, guaranteeing continuity of care;
- (c) in the field of professional learning, - the student contributes to the progress of the profession, through the production of knowledge in nursing, coordinating and developing research studies in the field of neurosurgery nursing intervention;
- (d) in the field of quality management ? the student uses indicators to evaluate the verified changes, proposes corrective measures to support the implementation of quality improvement programs.

The student develops learning in neurocritical intensive care units or neurosurgical intermediate care units, as recommended in Notice n. 4511/2021, preferably with training suitability certified by the Order of Nurses (ON), in accordance with the provisions of Law 9/2009, of march 4.

During the internship, clinical supervision is ensured by specialist nurses/masters in medical-surgical nursing, from the respective units, preferably with increased competence in clinical supervision assigned by the ON.

## **Bibliografia / Bibliography**

American College of Surgeons ACS. ATLS Advanced Trauma Life Support. Student Course Manual. 10 ed. Chicago: American College of Surgeons; 2019.

Hinkle, J. L., & Cheever, K. H. (Ed. lits). (2020). Tratado de enfermagem médico-cirúrgica (14ª ed., 2 vols.). Guanabara Koogan.

Mota, M.,? Cunha, M. (2022). Pre-hospital treatment of acute trauma pain: an observational study". Acta Paul Enferm. 35:eA (2022): 1-9. 10.37689/acta-ape/2022AO0018349

Mota, M., Cunha, M. (2022). Management of bleeding in trauma victims by Portuguese nurses in prehospital setting. Australian Journal of Advanced Nursing 39 2. <https://doi.org/10.37464/2020.392.505>.

Mota, M., Reis Santos, M., Cunha, M., et al, (2020). Consensus must be found on intravenous fluid therapy management in trauma patients. Revista ROL de Enfermería, 43(1), 374-379.

Ordem dos Enfermeiros, Colégio da Especialidade de Enfermagem de Médico-Cirúrgica. (2017). Padrões de qualidade dos cuidados especializados em enfermagem médico-cirúrgica: - na área de enfermagem à pessoa em situação crítica. Lisboa: OE.

Portugal, Regulamento nº 429/2018 (2018, julho 16). Regulamento de competências específicas do enfermeiro especialista em Enfermagem Médico-Cirúrgica na Área de Enfermagem à Pessoa em Situação Crítica. Diário da República, 2 (135), pp. 19359- 19364.

Portugal, Regulamento nº 140/2019 (2019, fevereiro 6). Regulamento das competências comuns do enfermeiro especialista. Diário da República, 2 (26), pp. 4744-4750.

Santos, E., Cardoso, D., Neves, H., Cunha, M., et al, (2017). Effectiveness of haloperidol prophylaxis in critically ill patients with a high risk of delirium". JBI Database of Systematic Reviews and Implementation Reports 15 5 (2017): 1440-1472. <https://doi.org/10.11124%2Fjbisrir-2017-003391>.