

Updated On	2024/02/12																																
Curricular Year / Period	2023/24 / S2																																
Course	Veterinary Nursing																																
Curricular Unit	Fundamentals of Anesthesiology and Operative Technique																																
Language(s) of Instruction	Português																																
ECTS/tempo de trabalho (horas)	<table border="1"> <thead> <tr> <th>ECTS</th><th>Total</th><th colspan="8">Horas de contacto semestral</th></tr> <tr> <th>6</th><th>96</th><th>T</th><th>TP</th><th>PL</th><th>S</th><th>TC</th><th>E</th><th>O</th><th>OT</th><th>EC</th></tr> </thead> <tbody> <tr> <td></td><td></td><td>32</td><td>0</td><td>32</td><td>0</td><td>0</td><td>0</td><td>0</td><td>32</td><td>0</td></tr> </tbody> </table> <p>T - Theoretical; TP - Theoretical and practical; LP - Laboratory Practice; S - Seminar; TG - Tutorial guidance; FW - Fieldwork; T - Training; ; EC - Clinical teaching; O* - Other hours typified as Clinical Training under the Directive 77/453/EEC of June 27, adapted by Directive 2005/36/EC.</p>	ECTS	Total	Horas de contacto semestral								6	96	T	TP	PL	S	TC	E	O	OT	EC			32	0	32	0	0	0	0	32	0
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6	96	T	TP	PL	S	TC	E	O	OT	EC																							
		32	0	32	0	0	0	0	32	0																							
Teacher in charge (GDPR consent) [complete name, email]	Lina Luis Salgueiro Costa / lina_costa@ipportalegre.pt																																
Teacher in charge (GDPR consent) [complete name, email]	Laura Hernández Hurtado / laura.hurtado@ipportalegre.pt																																
Other teachers (GDPR consent) [complete name, email]	Hélio Bruno Figueiredo Correia / heliocorreia@ipportalegre.pt																																
Prerequisites [Curricular Units that must precede and specific entry competences]	N/A																																
Learning outcomes [Description of the overall and specific objectives] [Knowledge, skills and competences to be developed by students]	The curricular unit of Fundamentals of Anesthesiology and Operative Technique aims to prepare the veterinarian nurse for the assistance of the veterinarian in an operative block, allowing him to incorporate the team of anesthesiologists as well as to play the role of assistant of surgeon, accompanying and preparing the patient from the time of admission until their recovery.																																
Sustainable Development Goals	      																																
Syllabus	<p>THEORETICAL AND PRACTICAL PROGRAMS CONTENTS: Topic 1 - The Practice of Veterinary Anesthesia and Analgesia Topic 2 - Pre-Anesthetic Evaluation Topic 3 - Pre-Medication Topic 4 - Anesthetic Techniques Topic 5 - General Anesthesia Topic 6 - Intra-Anesthetic Care Topic 7 - Anesthetic Accidents Topic 8 - Operative Technique Topic 9 - Tissue Division Topic 10 - Surgical Instruments Topic 11 - Preparation of the operating room, patient and surgical team Topic 12 - Sutures Topic 13 - Bandages and care in recovery Topic 14 - Sterilization and aseptic surgery.</p> <p>TABLE OF CONTENTS OF THE CLASSROOMS TUTORIAL ORIENTATION in a clinical context in the CAVE-ESAE: Theme 1 - Techniques of administration of fixed anesthetics. Topic 2 - Endotracheal intubation techniques and handling of inhalational anesthesia devices. Topic 3 - Pre-anesthetic Evaluation. Topic 4 - Monitoring and intra-anesthetic care. Topic 5 - Suture techniques. Topic 6 - Bandages and dressings.</p>																																

<p>Teaching methodologies (including assessment)</p> <p>[Specify the types of assessment and the weights and evaluation criteria]</p>	<p>1 - Teaching methodologies</p> <p>Theoretical-practical classes with the support of a written manual and presentation of images/ videos. Demonstration of techniques and attitudes in the area of anaesthesiology and operative technique during practical classes in a clinical context while providing services at the CAVE (Centro de Atendimento Veterinário Escolar). Continuous participation by students in clarifying conceptual and scientific doubts. Tests as described in the Assessment Methodology.</p> <p>2 - Period assessment</p> <p>Continuous assessment: mid-term assessment (70%). Minimum mark of 10 in the written mid-term assessment. Compulsory attendance and participation in 75% of practical classes. Practical component assessment in an oral exam (30%).</p> <p>3 - Examination assesement</p> <p>Continuous assessment: mid-term assessment (70%). Minimum mark of 10 in the written mid-term assessment. Compulsory attendance and participation in 75% of practical classes. Practical component assessment in an oral exam (30%).</p>
<p>Bibliography</p>	<p>1 - Main Bibliography</p> <p>Classes provided by teachers in sebenta format.</p> <p>Fossum, T W (2018) Small Animal Surgery (5th edition), EUA, Mosby-Elsevier</p> <p>Seymour, C; Gleed, R (2001) Manual de Anestesia y Analgesia en Pequeños Animales, Barcelona, Ediciones BSAVA.</p> <p>Bassett, JM; Thomas, JA (2014) Clinical Textbook for Veterinary Technicians, 8th edition, ELSEVIER</p> <p>Welsh, L (2009) Anesthesia for Veterinary Nurse (2ª edição). Oxford, Blackwell Publishing Lda</p> <p>Thomas, J A; Lerche, P (2011) Anesthesia and analgesia: For Veterinary Thechnicians. Missouri, Elsevier MOSBY</p> <p>Thurmon, JC; Tranquili, WJ; Benson, GJ (2002) Fundamentos de anestesia y analgesia en pequeños animales. Barcelona, Editorial Masson</p> <p>Schmeltzer, L E; Norsworthy, G D (2012) Nursing the feline patient. EUA, Wiley-Blackwell</p> <p>2 - Complementary Bibliography</p> <p>Bojrab, M J (2006) Técnicas Actuais de Cirurgia de Pequenos Animais, 3ª edição, ROCA</p> <p>Resources available in the Online Knowledge Library (b-On).</p>
<p>Special Situations</p> <p>[Students with special status]</p>	<p>1 - Period assessment - Students with special status</p> <p>Oral exam in final exam to evaluate the Practical and Theoretical component (100%).</p> <p>2 - Examination assesement - Students with special status</p> <p>Oral exam in final exam to evaluate the Practical and Theoretical component (100%).</p>