

Course:	M547 - Veterinary Nursing in Small Animals Master
Degree:	Master
Curriculum Unit:	4001014 - Hospital Techniques
Scientific field:	Veterinary Sciences
ECTS^(*):	6
Curriculum year:	1st
Curriculum semester:	2nd
Frequency Regime:	Semestrial
Teacher(s):	Carmen Lúcia Vasconcelos Nóbrega Fernando Alexandre de Almeida Esteves Catarina Manuela Almeida Coelho Ana Cristina Mega Pais de Andrade Filipa de Faria Pedro Bernardino
Contact hours ^(**):	TP-23; TO-25
Total work time (hours):	150

(*) - ECTS - European Credit Transfer and Accumulation System

(**) – T- Theoretical; TP- Theoretical/Practical; LP- Lab Practice; S- Seminars; I- Internships; TU - Tutorials; TO – Tutorial Orientation; O- Other (Evaluations)

Objectives / Competences

The student must complete this unit with expertise to collaborate in identifying the diagnosis of the main diseases in pets. Master the different therapeutic modalities, in the mode of action and the technique of application and implementation in different clinical conditions. Student must acquire the ability to relate the various etiological factors of several pathologies in order to advise the owner to prevent problems, to elaborate nurse care plans Skills: Able to perform actions ancillary and assistance in clinical, surgical instruments and health, particularly in the field hospital. Run hospital, methods and techniques list the various etiological factors in order to advise the owners to prevent the problems and/or take resolutions. Support under veterinary hospitals and clinics, decisions and methodologies involved in the promotion of animal health.

Syllabus

The importance of hospital and healthcare in veterinary science. The role of veterinary Nurse in veterinary hospital. Nursing in orthopedic patient: upgrade in patient support techniques when stationary; Support pre, peri and graduate orthopedic surgical patient. Cardiac nursing animals: techniques for cardiac pathologies; Revolving surgical and medical care; Cardio-respiratory Emergencies. Nursing in patients ophthalmologic: nursing techniques and treatment in patients with ocular pathologies; Management of wounds and suture techniques: Revolving wounds and shutdown options; Skin reconstruction techniques; Oncology Nursing: chemotherapy; Most frequent Tumors and treatment options; Anti-neoplastic, mechanism of action and side effects; Complications in chemotherapy. Biosafety. Toxicology and poisonings.

Teaching methodologies and evaluation criteria

Learning strategies to be adopted will be based on active methodologies, dynamic and participatory, to encourage trainees to participate actively in the entire teaching process. The teaching methodology comprises theoretical-practical lessons, laboratory and other practices, with a strong component exhibition and demonstrative, in work context, giving special focus to practical cases. The group work will be encouraged, development team spirit relevant for this theme. The evaluation will be proposed to the students based on the recognition of skills acquired, performing written evaluation moments, theoreticalpractical intervention, with discussion of techniques, methodologies and protocols and group work, in view of the ongoing evaluation of students. The introduction and monitoring in routine clinic and hospital, in the context of Veterinary Nursing, will be encouraged and valued, as well as social skills, communication and organizational belonging to these professionals.

Short bibliography

Ackerman, N. (2015). Setting up veterinary nurse clinics. In Practice, 37, 199-202.

Aldridge, P. (2013). How to carry out initial treatment of traumatic wounds: assessment, preparation and lavage. The Veterinary Nurse 4(3): 168 - 173

Ballantyne, H. (2016) Beyond the nursing care plan: an introduction to care bundles, Veterinary Nursing Journal, 31:2, 43-46

Couch, J., Gibbins, J. & Connor T.H. (2013). Evaluation of Chemotherapy Drug Exposure at a Veterinary Teaching Hospital in Michigan. J Occup Environ Hyg. 10(4): D45–D51

Lindley, A. (2015) The use of care plans in veterinary nursing: a recently qualified RVN's experience, Veterinary Nursing Journal, 30:7, 204-206

O'Dwyer, L (2013). The role of antimicrobials in wound dressings. The Veterinary Nurse 4(2): 98 – 105

Stanford M. (2015). Professional risks facing veterinary nurses (and how to avoid them). Veterinary Nursing Journal, 30:8, 226-227