

<b>Course:</b>	M547 - Veterinary Nursing in Small Animals Master
<b>Degree:</b>	Master
<b>Curriculum Unit:</b>	4001008 - Oral Health
<b>Scientific field:</b>	Veterinary Sciences
<b>ECTS<sup>(*)</sup>:</b>	5
<b>Curriculum year:</b>	1st
<b>Curriculum semester:</b>	2nd
<b>Frequency Regime:</b>	Semestrial
<b>Teacher(s):</b>	Helena Maria Vala Correia Fernando Alexandre de Almeida Esteves Carla Sofia Arede dos Santos
<b>Contact hours <sup>(**)</sup>:</b>	TP-15; LP-10; TO-20
<b>Total work time (hours):</b>	125

(\*) - 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

Know how to read and write a dental formula. Understand the modified Triadan numbering system. Use dental records to identify pathologies of the oral cavity.

To identify the main pathologies of the oral cavity and dental pathologies in companion animals.

Perform screening and evaluation of an emergency, in cases of orofacial traumatology and dental emergencies. To know main surgical techniques and dentistry. To be able to assist in the oral exam, methods of containment and observation; to position the animal for radiological examinations of the mouth, teeth and bone tissues and to perform complementary analysis techniques to the oral cavity.

Perform the correction and maintenance of the equipment and materials, in accordance with the norms of good operation and safety. Be able to perform and interpret some of the methods and techniques of resolution and know the surgical instruments and dentistry used. Be able to perform the correct postoperative follow-up.

## Syllabus

### THEORETICAL

Particularities and specificities of the mouth, teeth and tongue

Main pathologies of the oral cavity and salivary glands.

Neoplasms of the upper digestive tract.

Periodontal disease.

Main methodologies for oral health prevention in different animal species.

Communication with the owner.

## PRACTICAL

Application of methodologies for oral health prevention in different animal species.

Complementary analyzes to the oral cavity.

Resolution techniques and material used in Orthodontics.

### Teaching methodologies and evaluation criteria

---

This curricular unit will have theoretical lectures, compilation of bibliography and practical classes, in real working context.

The assessment of the theoretical and practical knowledge will be carried out by means of a written test or work), as agreed at the beginning of the academic semester.

The student will obtain approval for the discipline if his classification is equal or superior to 9,5 values.

If the student does not pass or is not approved in the frequency, he/she will have access to the exam of the normal time or to the examination of the time of appeal.

### Short bibliography

---

Albuquerque, C., Morinha, F., Requicha, J., Martins, T., Dias, I., Guedes-Pinto, H., Bastos, E., Viegas, C. (2012). Canine periodontitis: The dog as an important model for periodontal studies. *The Vet J.* 191: 299-305.

Bellows, J., 2004. Small animal dental equipment, materials and techniques. Blackwell Publishing, Iowa: 417 pp

Brannan, R. (2006). Feline Periodontal Disease: Diagnosis, Treatment, & Prevention. North American Veterinary Conference.

Girard, N. (2009). Feline odontoclastic resorptive lesions: understanding is the key to a good diagnosis. *Vet Focus.* 19(2).

Gorrel, C. (2011). How I treat dental fractures. Proceedings of the Southern European Conference. Barcelona.

Requicha, J. (2010). Neoplasias da Cavidade Oral do Cão: Estudo Retrospectivo de 14 anos. Dissertação de Mestrado de Medicina Veterinária. UTAD: 2-23

Tutt C, Deproose J, Crossley D (2007). BSAVA Manual of Canine and Feline Dentistry (3ª Ed) England, British Small Animal Association