

Program of the Dermatology course – 1st semester 2005-2006

Professors, office hours and number, telephone number and e-mail address:

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OBJECTIVES

At the end of this Dermatology course we expect the students to:

- know how to perform a complete dermatology examination (including basic diagnostic procedures)
- know the problem orientated diagnostic approach to the most common dermatological problems of dogs and cats: canine focal-multifocal alopecia, canine symmetric alopecia, canine and feline pruritus, canine muco-cutaneous and cutaneous erosive-ulcerative diseases, skin nodules and tumors.
- be familiar with clinical signs, diagnosis and treatment of the diseases that cause these dermatological problems.

Moreover, we expect the students to:

- make a correct use of reference books and journals
- work out dermatological cases
- discuss clinical cases with professors and with their colleagues

Students are invited to contact Professors, personally or by e-mail, for doubts and questions.

TEACHING METHOD and STUDENTS' WORK

The course will be held in English.

Dermatological cases will be presented and discussed during the lectures according to the problem-orientated approach.

Students will be provided with printed copies of the slides projected during the lectures and with copies of articles from scientific journals.

Students have to study and solve 8 dermatological cases (written in catalan/castilian/ english).

Cases may be worked singly or in groups of two and have to be delivered to the Professors **before the beginning of the following lecture**.

Due to the teaching method, **lecture attendance** is strongly recommended and is considered crucial for a correct work out of cases.

The delivery of **all the dermatological cases and the correct work out of the cases** are necessary to complete the **course successfully**.

In addition, **to complete the course successfully**, students need to attend a minimum of 9 hours of **clinical training** the HCV and to attend **dermatology practical sessions** (cutaneous structure and function, basic histological changes of the skin, workshop on inflammatory skin cytology). The calendar of all practical sessions will be available in the Pathology Unit (Dr. D. Fondevila and M.Bardagi).

For those students who do not complete the course successfully, an examination may be prepared.

REFERENCES

1. Bonagura JD. Kirk's Current Veterinary Therapy XIII. W.B. Saunders, Philadelphia, 2000
2. Ferrer L, Fondati A. 20 casos clinicopatológicos de dermatología de pequeños animales. Pulso Ediciones SA, Barcelona, 1997 (computer program, Windows)
3. Ferrer L, Fondati A, Ordeix L. Praxis Dermatológica en Animales de Compañía, 10 casos clínicos. Laboratorios Calier SA, Barcelona, 2002
4. Bardagi M, Fondati A, Fondevila D, Ferrer L. Praxis Dermatológica en Animales de Compañía, 10 casos clínicos. Laboratorios Calier SA, Barcelona, 2005.
5. Griffin CE, Kwochka KW, McDonald JM. Current Veterinary Dermatology. The science and art of therapy. Mosby Year Book, St Louis, 1993
6. Moriello K, Mason I. Handbook of small animal dermatology. Pergamon, Oxford, 1995
7. Reedy LM, Miller WH, Willemse T. Allergic skin diseases of dogs and cats (2nd Ed.). W. B. Saunders, Philadelphia, 1997
8. Scott DW, Miller WH & Griffin CE. *Müller & Kirk's Small Animal Dermatology* (5th Ed.). W. B. Saunders, Philadelphia, 1995
9. Scott DW, Miller WH & Griffin CE. *Müller & Kirk's Small Animal Dermatology* (6th Ed.). W. B. Saunders, Philadelphia, 2000
10. Withrow SJ, MacEwen EG. Small Animal Clinical Oncology (3rd Ed.) W.B. Saunders, Philadelphia, 2001
11. Olivry, T. The American College of Veterinary Dermatology Task Force on Canine Atopic Dermatitis. Veterinary Immunology and Immunopathology. Special Issue. Elsevier Science B.V., 2001.
12. Gross TL, Ihrke PJ, Walder EJ, Affolter VK. Skin Diseases of the Dog and Cat, clinical and histological diagnosis (2nd edition). Blackwell Science, 2005.

Suggestions

This list of references includes a series of books useful to work out correctly the cases. All these books are available in the Library of the Faculty.

Reference N 6 is one of the few books that follow the problem-orientated approach in small animal dermatology. It may be useful as first-line book, to define the dermatological problem of the case. Once the differential diagnoses have been selected, it is also useful to organise the diagnostic protocol of the case.

References N 8 and N 9 constitute what is considered the "bible" of small animal dermatology. They are useful once the problem has been defined, to decide the diseases to be included in the list of differential diagnoses for each case and to prepare the diagnostic protocol.

References N 1, N 5, N 7, N 10, and N 11 clearly explain selected topics of small animal dermatology.

Reference N 2, N 3 and N 4 includes a series of dermatological cases, N 2 in CD and N3 and N4 in paperback. It might be useful to go through these cases to see how to approach dermatological problems.

Reference N12 is an updated reference of canine and feline skin diseases focused on their clinical and histological diagnosis.