

*Welcome to the
Dermatology
Course!*

La dermatologia es la especialitat de la medicina que s'ocupa del diagnòstic, tractament i prevenció de les malalties de la pell, els pèls i les ungles. Les malalties i problemes dermatològics són molt freqüents i constitueixen el principal motiu de consulta amb un veterinari. Per tant, qualsevol veterinari han d'estar ben preparat per a diagnosticar i tractar adequadament un animal amb un problema dermatològic.

A més, la dermatologia és una disciplina fascinant, en constant creixement i evolució, que integra coneixements de medicina interna, microbiologia, parasitologia, patologia i immunologia. Els professors d'aquest curs us donem la benvinguda i esperem ser capaços de transmetre la nostra passió per la veterinària clínica en general i per la dermatologia en especial.

Dermatology Course: Learning objectives

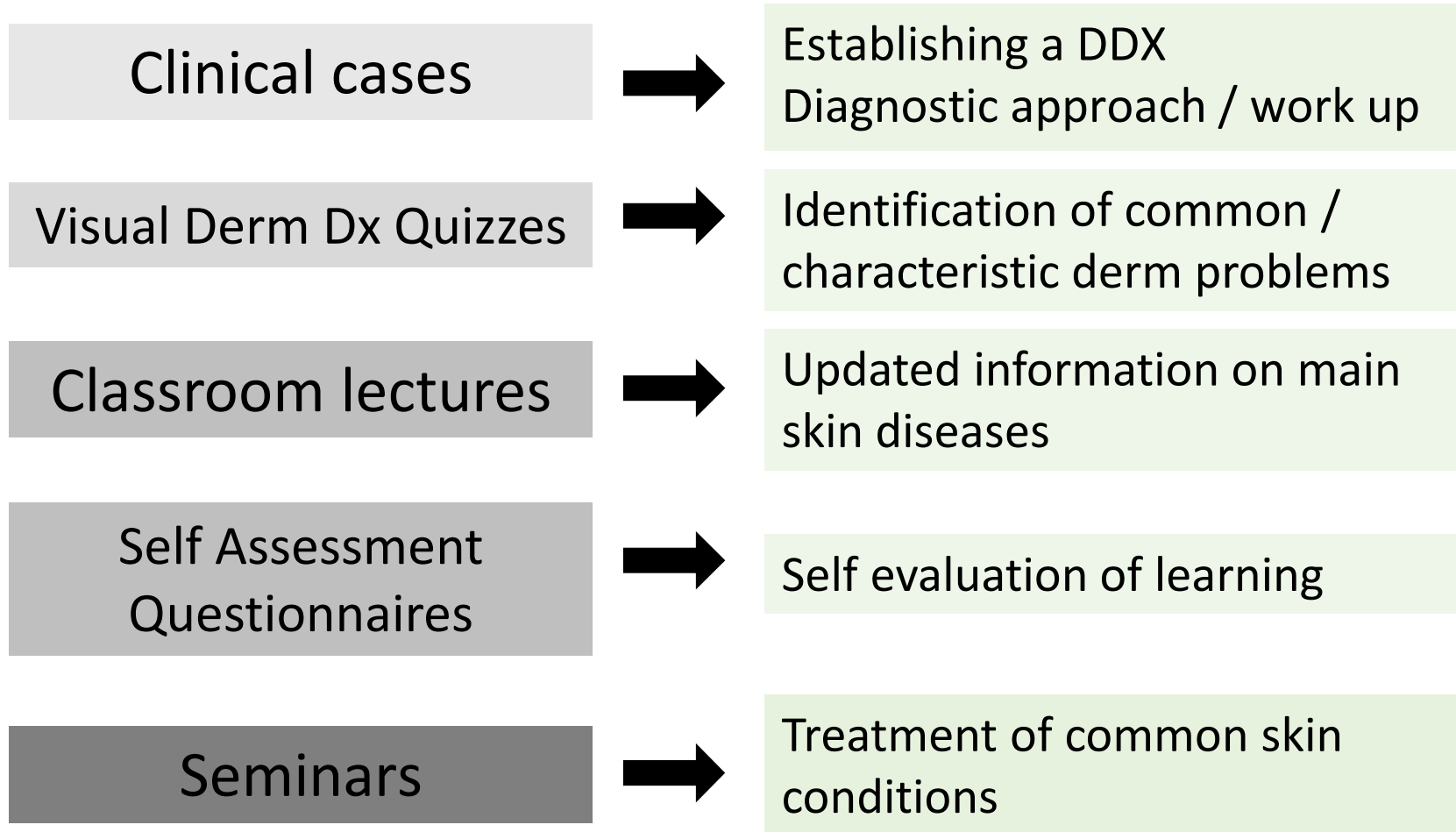
After completing the course, the students are expected to be able to:

1. **Take a clinical history and perform a complete dermatologic examination**, using the appropriate dermatologic terminology to effectively describe the lesions and the clinical picture.
2. Write a **differential diagnosis** (3-4 diseases) for common **dermatologic problems** of the dog and cat, based on the history and physical examination.
3. **Perform and interpret basic diagnostic techniques** (skin scrapings, cutaneous cytologies, skin cultures, skin biopsies, otoscopic examination, ...).

Clinical Dermatology Course: learning objectives (II)

4. **Establish a diagnosis**, according to the results of the diagnostic tests and design a strategy to manage the skin disease of the patient.
5. **Recognize the clinical presentation, diagnosis and treatment of the most common cutaneous diseases of the dog and cat.**
6. Use textbooks and veterinary/medical journals to find up-to-date and useful information on the diagnosis and treatment of the cutaneous disease of one patient.

Clinical Dermatology Course: structure



Clinical Dermatology Course: Clinical Cases

Eight clinical cases [in Campus Virtual]

Signalment, history, data, images and three questions:

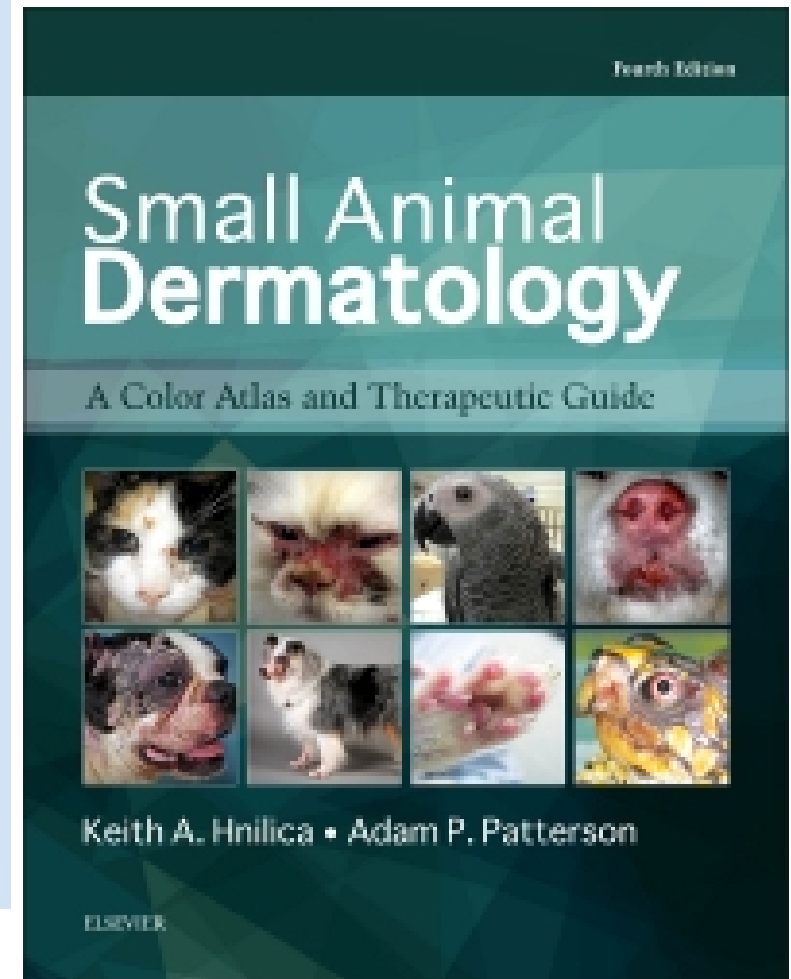
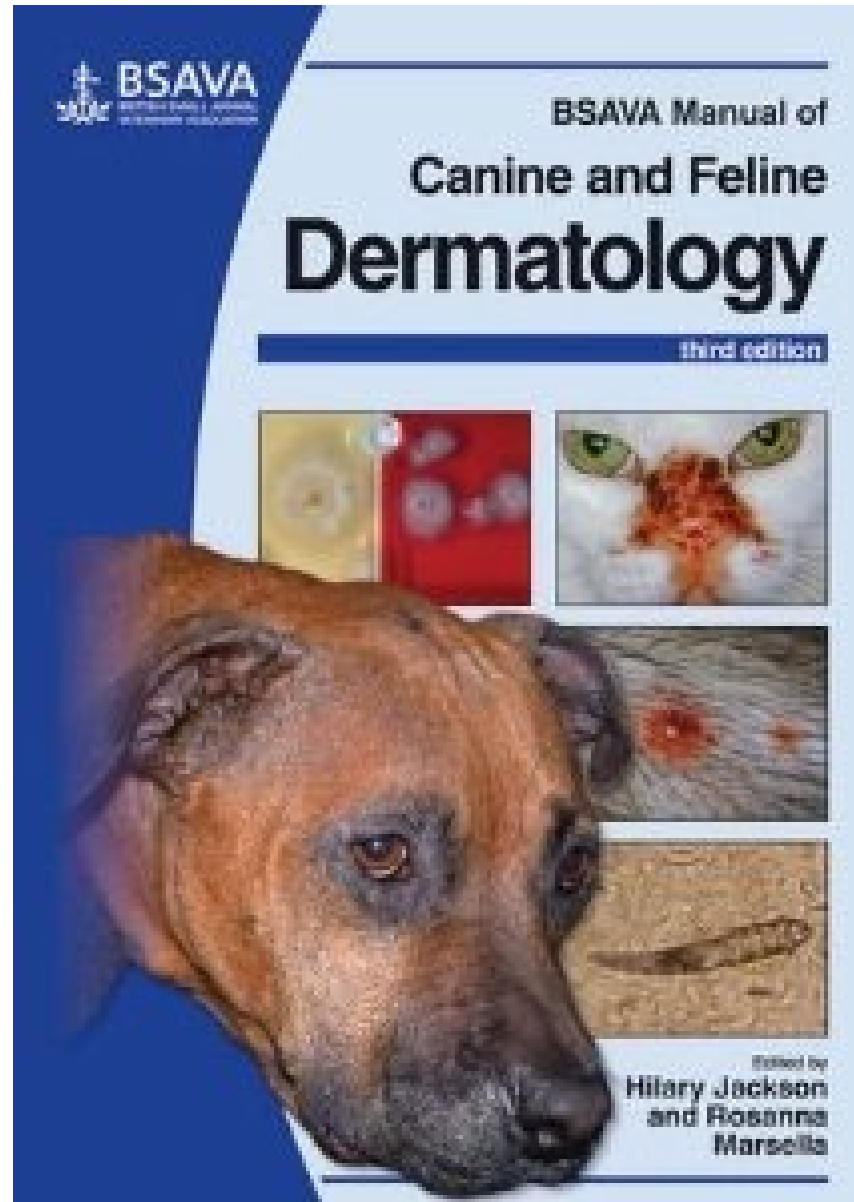
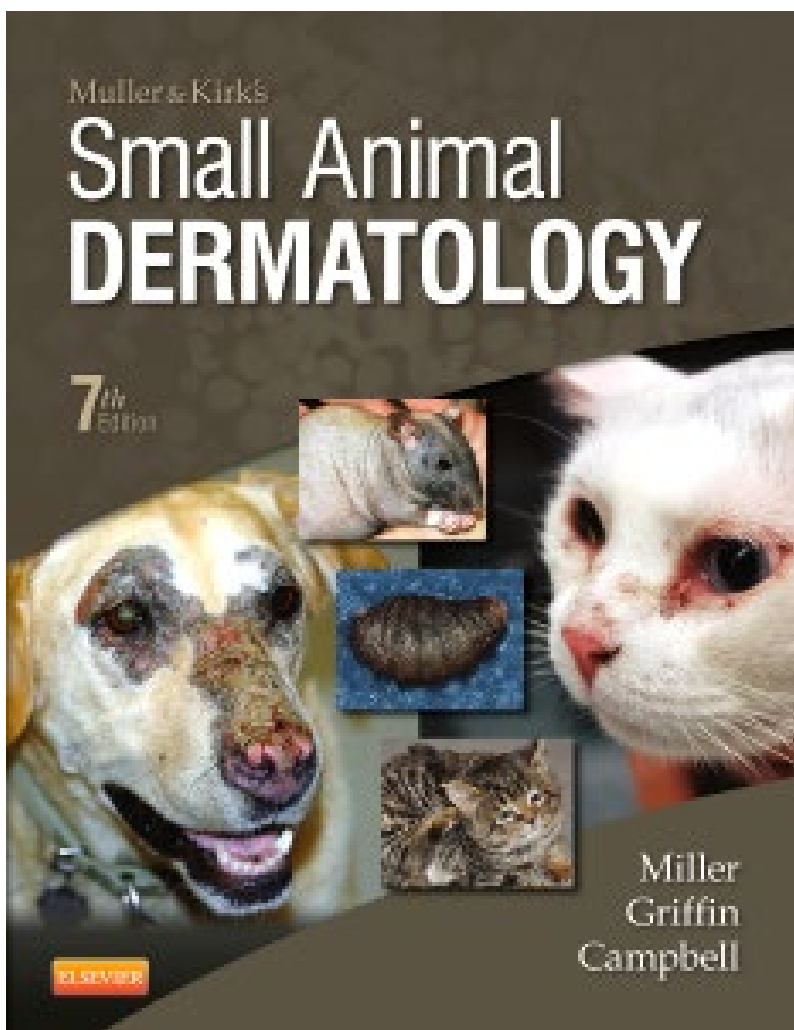
1. What is the **main clinical/dermatologic problem (s)** of the patient.
2. List **differential diagnoses** for the clinical case and explain why you have included these diseases.
3. What would be your **diagnostic approach** for this patient? Explain briefly why you propose each test.

Students are expected to:

Work the cases before the next Monday lecture (use the e-mail for consults).

Groups up to four students (1-4). Send by e-mail the answers to the three questions. IDENTIFY the group.

Discuss the clinical cases at the classroom.



Clinical Dermatology Course: Visual Derm Dx Quizzes

✓ Eight diagnostic quizzes

Students are expected to:

Examine the images and try to answer the question(s) ***before*** the date of the next lecture (do not need to send written answer).

Discuss actively the answer to the quiz at the classroom.

Dermatology Course

- *[Lesson 0. Diagnostic approach to the dermatologic patient]*
- **Lesson 1.** Diagnostic approach to the dog with focal-multifocal alopecia.
- **Lesson 2.** Diagnostic approach to the pruritic dog.
- **Lesson 3.** Diagnostic approach to the pruritic cat.
- **Lesson 4.** Diagnostic approach and treatment of scaling and crusting dermatoses in dogs and cats
- **Lesson 5.** Diagnostic approach and treatment of otitis externa.
- **Lesson 6.** Diagnostic approach to the patient with erosive-ulcerative-crusting diseases affecting skin and mucocutaneous junctions.
- **Lesson 7.** Diagnostic approach to the dog with symmetric non-pruritic alopecia.
- **Lesson 8.** Diagnostic approach to skin nodules and tumours.

Dermatology Course - Seminars

Seminar 1. Treatment and prevention of ectoparasite infestations.

Seminar 2. Treatment of bacterial skin infections (pyoderma).

Seminar 3. Treatment of canine atopic dermatitis.

Seminar 4. Treatment of canine otitis externa.

Seminar 5. Treatment of canine leishmaniosis.

Seminar 6. Treatment of auto-immune and immune mediated diseases.

Dermatology Course: grading

There will be a multiple-choice final examination (worth 60% of final grade).

The clinical cases will worth 30% of the final grade of the course and the active participation at the seminars and at the rotation at the Dermatology Service will be the remaining 10%.