



Case Study

Patient Name: Lily

Gender: Female

Breed: Domestic shorthair

Age: 2 years



Figure 1



Figure 2

Reason for Visit:

Lily presented with a 1-year history of progressively worsening pruritus and alopecia. Her owner placed her at a 10 on a 10-point pruritus scale with her top areas of pruritus focused over her proximal extremities and her trunk. She is non-seasonally pruritic and the intensity has been getting worse as she aged. Lily's primary care veterinarian has been treating her with repeated injections of methylprednisolone to help with the clinical signs along with baths using an oatmeal-based shampoo. There are two other cats in Lily's household and neither of them have any clinical signs. Lily receives Revolution® monthly for heartworm and flea control.

Examination:

Physical examination revealed extensive self-induced alopecia over her proximal extremities, her ventrum, and her lateral thorax/abdomen. (Fig. 1 & 2). A superficial cytology, dermatophyte culture, and deep skin scraping did not yield any organisms or growth.

Differential Diagnosis:

Lily suffered from feline hypersensitivity dermatitis (FHD) based on clinical signs and response to previous therapy.

Diagnostic Tests:

The owner elected to perform intradermal allergy testing to determine if environmental allergens could be included in allergen specific immunotherapy.

Treatment:

Glucocorticoids were discontinued. Lily was started on the DOUXO® S3 CALM Mousse 3 times weekly on the affected areas. No other treatments were initiated at that time.

Results:

Lily returned 4 weeks later and the owner noted that there had been a marked decrease in her level of itching. There was considerable hair regrowth. (Fig. 3 & 4). Her pruritus level was reported to be a 1 out of 10.

The dermatology examination revealed a significant amount of resolving alopecia with new hair growth present over virtually every affected body region. There was no evidence of self trauma and no redness was noted anywhere on the skin. The owner was very pleased with how Lily had been doing on the topical therapy using DOUXO® S3 CALM Mousse as monotherapy.



Figure 3



Figure 4

Summary:

Topical therapy using the DOUXO® S3 CALM Mousse should be considered as either monotherapy or as part of a multimodal approach to managing feline patients suffering from FHD.

Michael Rossi, DVM, MNS, DACVD
Coastal Veterinary Dermatology & Ear Clinic, Houston, TX

