

Case Report

LINGUAL LENTIGO IN TWO CATS

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Abstract: Lentigo is small, pigmented flat or slightly raised spot. Lentiginous have been clearly defined edge that is surrounded by normal-appearing skin or mucosa. The case report described a hyperpigmentation on the dorsal tongue in two cats. Two cats of 5.5 months old Tabby breed and 2 years old Persian breed was brought to our clinic with complaint about changed the color on tongue by the owners. After the clinical examination, no disease was detected. Color changes on the tongue were defined as lentigo and no treatment was performed. In cats, lentigo can also be seen in other breeds except the known breeds, and can also be detected on the tongue except the lips and mermae. Similar to classical lentigo, it does not need treatment and is a clinical case that can be encountered in practice.

Keywords: Lentigo, cat.

Introduction

Lentigo is characterized with dark stain up to 1 mm diameter in cats especially being members of Ginger, Tortie and Calico breeds. Especially at the nose skin and at eyes margin, generally like black macula, lentigo is a benign dermal disease increasing with age [1], but is not a cancer cell. Furthermore, lentigo neither require the treatment nor increase with sunlight [2,3]. In other words, lentiginous can be expressed as limited hypermelanosis associated with increased epidermal melanocytes [4].

Case Presentation

Herein, we would like to present a case of lentigo in two cats. We encountered hyperpigmentation on the tongues of two cats which of them was 5.5 months old Tabby breed and the other was 2 years old Persian breed. In the former, the owner was expressed that the color changes were appeared by the time (Figure 1), and in the latter that the color changes were newly noticed by the owner informed (Figure 2). In the routine examinations of both cats, there were not any abnormal results. And also it was learned that both cats were fed with appropriate and different commercial rations according to ages and body conditions.

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Results and Discussion

Even if the lentigo cases stating in cats are detected at oral region, that the increase of melanocyte can also be occurred on tongue have informed in limited references [5]. But in humans, it is expressed that hyperpigmentation occurred on the tongue is defined as lingual lentigo, and can appear after chemotherapy or spontaneously [2,7]. In the light of literature knowledge, color changes on the tongue were accepted as simplistic lentigo and treatment protocol was not prepared due the fact that.

In conclusion, it was demonstrated that lentigo simplex can be a definition for hyperpigmented areas seen on tongue in cats and it has also been demonstrated that this definition can be used in clinical practice. Although racial predisposition is mentioned, Nash and Paulsen [6] had showed generalized lentigo simplex in a four years old silver cat with short hair. Similar to Nash and Paulsen [6], our both cases of lentigo could be seen to be without racial restriction.

Conflict of Interest:

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Figure 1. A 5.5 months old Tabby cat with hyperpigmentation on tongue

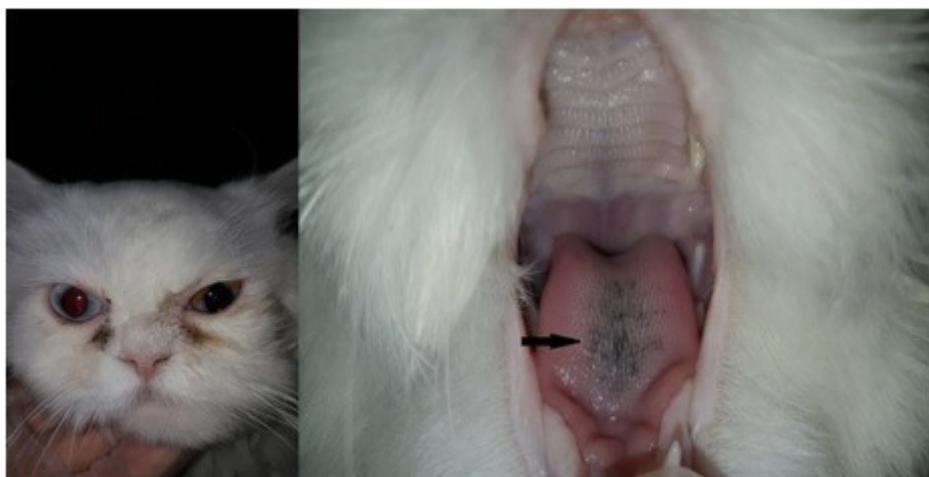


Figure 2. A two years old Persian cat with hyperpigmentation on tongue