

Adrenal Gland Tumors in Two Captive Ferrets (*Mustela putorius furo*)

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Abstract : There were two ferrets showing alopecia for several months, and one of those had the history of prolonged enlargement of vulva. The X-rays showed splenomegaly and mass images in the upper abdominal area in these two ferrets. In the first case, a 4 x 4 x 4 cm mass was removed during the exploratory surgery. Pathological examination revealed that it was an adrenal cortical carcinoma, which had already metastasized to the liver. However, this ferret finally failed to survive. In the second case, the left adrenal gland was enlarged with yellow-brown discoloration. Besides, two nodules were found in the pancreas. All these abnormal tissues were surgically removed. The pathological diagnoses indicated it was adrenal cortical hyperplasia. The prognosis of the second ferret was well after surgery, and the hair fully regenerated in three months.

Key words : Neoplasia; hyperplasia; adrenal gland; ferret

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