

## Ocular Melanoma in Dogs: 2 Cases

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Melanoma is the most common primary ocular neoplasm in the dog. Canine ocular melanoma is usually occurred on scleral limbus and anterior uvea. Two cases of ocular melanomas were referred to Veterinary medicine teaching hospital of Seoul national university from April 2006 to March 2007.

Case 1 was a 10-year-old spayed female Miniature Schunauzer with a black and solitary mass on the right eye. On ophthalmic examination, the mass arised from ventrolateral limbus of right eye, and the size was 1.03 x 0.98 cm. On ocular ultrasonography, the mass invaded to the boundary of ciliary body. Mass resection and cryosurgery were performed twice on the right eye. On histopathologic evaluation, the mass was diagnosed as limbal melanoma.

Case 2 was a 10-year-old intact female Yorkshire Terrier with hyperemia on the left eye. On ophthalmic examination, focal iris bulging and uveitis were observed on the left eye. Topical antibiotics and corticosteroids were prescribed for treatment. After 5 months, iris bulging on the left eye was more progressed (360-degree around the pupil), and on ocular ultrasonography, iridal mass was observed that invaded into the ciliary body. On thoracic radiography, there was no metastasis. Enucleation was performed on the left eye. On histopathologic evaluation, the mass was diagnosed as diffuse iridal melanoma.

Adequate treatment were performed to both cases, and there were no recurrences. It is considered that continuous follow up should be recommended.

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