

7TH INTERNATIONAL VETERINARY CONGRESS

September 04-05, 2017 | Paris, France

The first report of Heterotrophic bone formation at eye in Guinea pig in Iran

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A necdotal evidence has suggested that guinea pigs have a high prevalence of ocular lesions. Hetotrophic bone formation (also known as osseous choristoma) is a condition unique to the guinea pig that result in new bone formation in the ciliary body that can be visible as a white, crystalline opacity at the limbus¹.

A 13 months old Guinea pig refer to exotic and ophtalmology departments of Paytakht Pet Hospital because of ocular lesion. History taking shows the owner had information about role of low level of Vitamin C in diet. Depends on this thinking he use over taking of Vitamin C (food material and supplement) for himself Ginuea pig diet order.

A full ophthalmic examination was performed direct and indirect ophthalmoscopy and with slit lamp biomicroscopy, intraocular pressure using the ICARE Tonovet tonometer after topical anesthesia (no evidence of glaucoma) without ocular discomfort, show white lesion at limbus protruding slightly into the cornea because of heterotrophic bone formation at cilliary body in Guinea pig.

Biography

Ms Sima Nikkhah working as a student at Islamic Azad University, Research and science Branch, Veterinary Radiology Departement, IRAN. Her international experience includes various programs, contributions and participation in different countries for diverse fields of study. Her research interests reflect in his wide range of publications in various national and international journals.

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