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External acoustic canal atresia in cats and dogs

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Objectives: The aim of this presentation is to give an information about a very rare disorder in cats and dogs called EACA.

Materials and Methods: The cases were 3 dogs and 2 cats which was brought to Istanbul University Veterinary Faculty Research and Practice Hospital Surgery Clinic. The main complaints of the patient owners was head tilt, pain on the affected side and hearing loss.

Results: Subsequent to the clinical and direct otoscopic examination, video otoscopy and positive canalography performed to the patients and with the help of the computed tomography it was diagnosed as EACA. In all of the 5 cases the disorder was unilateral. It was seen total external acoustic canal atresia (TEACA) in two dogs and horizontal external acoustic canal atresia (TEACA) with otitis media in the other. In cats; TEACA was seen in one cat and HEACA in the other.

Conclusion: Although the patient owners was informed about the appropriate surgical techniques, since the owners did not allow the operation, the patients was taken with an untreated condition.

Key words: External acoustic canal, atresia, ear, cat, dog