

## LONG TERM MONITORING OF A CAT WITH IDIOPATHIC MEDIASTINAL CYST

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### **Abstract**

Mediastinal cysts are previously described as incidental findings in cats. A nine years old, 2.8 kg, Persian cat was presented to our Veterinary Teaching Hospital (VTH) for mild dyspnea. Chest radiographies, revealed an encapsulated soft tissue opacity in the cranial mediastinum. Thoracic lung ultrasonography (LUS), evinced the presence of a cyst-like structure. Furthermore, the cat was subjected to complete cardiological examination and complete blood analysis. Echo-guided drainage followed by cytological examination was carried out in order to reach a definitive diagnostic and to improve the general status of the patient. No other medical treatment has been pursued. Monthly evaluations have been performed during a period of five months, and the drainage was repeated one more time until the complete resolution of the pathology. No signs of relapse have been noticed over a period of two years. Only four cats diagnosed with idiopathic mediastinal cyst have been mentioned in the literature. To the author's best knowledge, this is the first case report which describes the dynamic evolution of an idiopathic mediastinum cyst in Persian cat presented for mild dyspnoea.

**Key words:** idiopathic mediastinal cyst; cranial mediastinum; dyspnoea; thoracic radiography; lung ultrasonography

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