

Subepiglottic Cyst in A Neonatal Calf, in Turkey

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Dear Editor,

We would like to report a rare case of subepiglottic cyst in animals and is reported for the first time in a neonatal calf in our country.

Subepiglottic cysts are rare condition in human beings ¹⁻³, horses ^{4,5}, dogs ⁶ and cats ⁷. Only one case of subepiglottic cysts has been reported in cattle ⁸. Inspiratory stridor and varying degrees of upper airway obstruction are the most frequently clinical findings in subepiglottic cyst. Other common findings included feeding difficulties and episodes of cyanosis ⁹⁻¹¹.

A 25 day old Simmental calf with respiratory distress was admitted to clinic of Department of Internal Medicine, Faculty of Veterinary Medicine, University of Kafkas. Case history revealed that the calf had respiratory distress since birth and had been treated by a veterinarian but did not improved in spite of fairly good general condition. Clinical examination of the calf disclosed severe respiratory distress, cyanosis of mucous membranes, hyperaemia in conjunctivas, increased respiratory (50 breaths/min) and heart rates (140 beats/min). Palpation of laryngeal area resulted in severe respiratory distress and cessation of respiration for short while. Endotracheal tube was placed in to relieve respiratory distress. Following local anaesthesia for tracheotomy animal died in a short while. Necropsy of subepiglottic area revealed a cyst of 3 cm in diameter in left ventrolateral larynx (*Figure 1*) filled with grey-whitish fluid.

As a result, this was the first case of subepiglottic cyst determined in a calf in our country and subepiglottic cyst should also be considered in cases with upper respiratory tracts.

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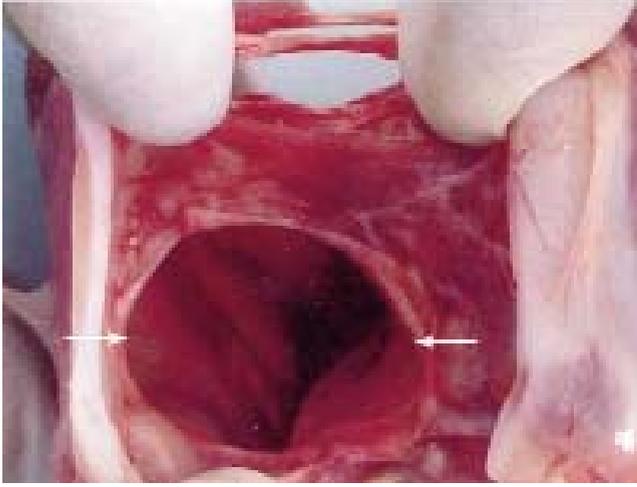


Fig 1. View of subepiglottic area with a cyst of 3 cm in diameter in left ventrolateral larynxes

Şekil 1. Subepiglottik bölgede, larinksin sol ventrolateralinde yaklaşık 3 cm çapında kistin görüntüsü