

## **A typical actinobacillosis in an adult Friesian cow**

Aleri, J W; Thaiyah, A G; Abuom, T O; Mulei, Charles M

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### **Abstract**

Actinobacillosis due to *Actinobacillus lignieresii*, has been reported in domestic animals including cattle, sheep, goats, buffalo, horses and dogs (Carmalt et al., 1999; Kennerman et al., 2006; Muhammad et al., 2006; Brown et al., 2007). The causative agent is a gram-negative aerobic rod and a normal inhabitant of the gastrointestinal tract of ruminants (Radostits et al., 2007; Smith, 2009). The most frequent clinical presentation is granulomatous or pyogranulomatous lesion of the tongue or subcutaneous tissues in the head and neck region. A typical manifestation of the disease have been reported affecting other body tissues / organs usually associated from lacerations, dehorning, nose-rings, intravenous injections and lymphadenitis (Aslani, et al., 1995; Holzhauer and Roumen, 2002). Outbreaks of the disease have also been reported (Campbell et al., 1975; Nakazawa and Azuma 1977). This paper outlines an atypical case of actinobacillosis of soft tissue swelling of the head in a cow without any exudation from the lesion, which is a challenge to confirming the etiological agent and treatment.