

Diagnostic and therapeutic management of clinical case of suppurative pre-scapular lymphadenitis in a bull

ABSTRACT

A 4 year old Jersey-Friesian cross bull was presented to the Universiti Veterinary hospital, Universiti Putra Malaysia with a ruptured abscess on the right pre-scapular lymph node. The wound was dressed with diluted Hibiscrub® (Chlorhexidine gluconate 4.0%) and povidone iodine. Initial treatment includes Penicillin Streptomycin at 16mg/kg, intramuscularly. Bacterial isolation and sensitivity results revealed the presence of *Staphylococcus shleiferi* spp *shleiferi* and *Arcanobacterium pyogenes*. Both were resistant to gentamycin, penicillin G, sulfazole and streptomycin, but susceptible to tetracycline. The treatment was substituted with oxytetracycline 9mg/kg for 3 days based on the antibiotic susceptibility result. The wound was monitored and observed to have completely healed after 10 days post treatment.

Keyword: Lymphadenitis; Arcanobacterium; Staphylococcus; Antibiotic sensitivity; Bacterial isolation