

Necrosis and sloughing of skin associated with limb cellulites in four cows and a calf: predisposing causes, treatment and prognosis

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Abstract

Four cows and a calf with non-superlative limb cellulites were observed subsequently to suffer skin necrosis and sloughing in the affected limbs, either on or distal to the metacarpus or metatarsus. In comparison with six cows with superlative *Corynebacterium* progenies limb cellulites, topical therapy or the cases with skin necrosis and sloughing was adequate and the prognosis was good, when compared with the rigorous systemic therapy applied to the cows with superlative cellulites, some of which died. The skin necrosis and sloughing resulting from limb cellulites seemed to be encouraged by the paucity of tissue between the skin and the bone, by the poor vascularity of the area, and by the causative bacteria.