COLLAGEN APPLICATION FOR WOUND MANAGEMENT AND PROSTHESIS FOR A KANGEYAM COW WITH SEVERED DIGITS

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A two year old Kangeyam cow was brought with severely damaged hoof of right forelimb. Examination of the animal revealed absence of both the digits with purulent wound at the base of metacarpal region. Radiographical examination was performed and wound management
was initiated with normal saline and potassium permanganate. The antibiotic cover included administration of ceftriaxone and gentamicin at 20 mg/kg b. Wt. and 4 mg/kg b.wt. respectively. NSAIDS included meloxicam at 0.4 mg/kg bwt intra-venously. The wound was further managed with collagen and curcumin based preparation for hastening the healing process and the prosthesis was designed after complete wound healing with rexin and foam cover and metallic base. Application of the prosthesis proved successful with weight-bearing and walking by the animal.