

## Reductions of Long Bone Fractures with Internal Fixation in 5 Calves

**Jinuk Park, Kirae Cho, Joong-Hyun Kim, Seok Hwa Choi and Gonhyung Kim\***

*Department of Veterinary Surgery, College of Veterinary Medicine  
Chungbuk National University*

Cast or splint was used to manage limb fracture a sole method of immobilization in calves. These methods are relatively easy and inexpensive in compared with internal and external surgical fixation. The internal fixation has benefit of strong stability and shortening of healing period. In this paper, we report five cases of limb fractures in calves treated with internal fixation. Fractures of extremity were repaired with implants (bone plate, screw, and intra-medullary pin) in 5 calves raised in Chungcheong area. Fracture sites are various and affected age is between 1 day and several months old. To overcome the complication of cast or splint, we applied internal fixation to long bone fractures. And the applications of implants were effective and satisfactory in calves which had been failed by application of cast. Although the cost of fracture treatment in farm animal is an important consideration, internal fixation has many benefits in calves. Optimal stability of the fracture site, early recovery of limb function, and simplicity of post-treatment care are expected benefit from internal fixation. In summary, we suggest that using internal fixation in calve result in better outcome for both veterinarians and clients.

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\* Corresponding author: ghkim@cbu.ac.kr