

SUMMARY

In this study, 56 cases were evaluated which referred to Adnan Menderes University, Faculty of Veterinary Medicine, Department of Surgery with the complaint of hindlimb lameness and also femur fracture was diagnosed through clinical and radiological examinations.

Total percentage of femur fracture within the 187 fracture cases were 29.94% (56 cases). Distribution of femur fractures according to anatomic regions observed as follows: 41 diaphysis (73.21%), 11 supracondylar (19.64%), 2 caput femoris (3.57%), 1 trochanter major (1.78%) and 1 collum femoris (1.78%).

Open reduction and internal fixation were advised to all cases with the aim of treatment. The of intramedullary fixation were performed at 42 cases. And also bandages supported with PVC was applied in some cases as additional support. As postoperatively complications, pin migration (1 case) and infection (1 case) were observed, but both of them was cured with proper treatments. Fractures were healed without any complications for all cases.

As a result, safety and successful treatment of femur fractures in dogs and cats by intramedullary fixation, performed with the proper surgical techniques and suitable diameter/size pins is possible.

Key Words: Dog, Femur, Fracture, Treatment