MANDIBULAR FRACTURE MANAGEMENT IN DOGS – A REVIEW OF 15 CASES

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A total of fifteen mandibular fractures in dogs were presented to Madras Veterinary College Teaching Hospital, Chennai from a period of September 2015 to September 2016. Among 15 dogs, different breeds including 12 Non-Descriptive, one Doberman, one Rajaplayam and one Shihtzu were present. Ten dogs were male and five dogs were female and average age was 27.8 months. Aetiology for trauma in fourteen dogs were road traffic accident with automobile and one was dog bite. Pre-operative radiograph confirmed the type of fracture. Majority of the fracture was of rami of mandible between P1 to P2 and three dogs had mandibular symphyseal fracture. Surgically nine dogs were managed and six dogs were managed conservatively. In surgical group three dogs were treated with type II external skeletal fixator, one dog with intraoral mini plating and five dogs with cerclage wiring. Out of 5 cerclagewiring three were fixed as interfragmentary wiring and two as interdental. Conservatively muzzle tape was applied in 6 dogs. Post-operative radiographs revealed the callus formation. Surgically operated group recovered early clinically compared to conservative group. All dogs recovered completely in about two months period.