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| A comparative study for application of fenestrated and non-fenestrated bony tubular splints to diaphysial femoral fracture in rabbits | Thesis Title  |
| 2000 | Year |
|  Two types of tubular splint were used in fixation of induced transverse fracturing the diaphysis of femur in (22) local breed rabbits, the animals of experience were divided into two equal groups, fenestrated splints were used in the first group and nonfenestrated in the second one to prove the benefit of the holes in increasing force of fixation and enhance union. Result of the first group showed unionin (7) cases out of (11)one of them was mal union ,2 animal were dead during the fallow up period, osteomelitis in one of the cases and non –union in the fourth case. The second group showed union in (7) cases out of (11), the splint was broken in one case , a second fracture in the femoral bone occurred in (2) cases and the splint was separated from the femoral bone in fourth case.  According to these results there is no marked differences between the two group although the fenestrated splint had helped in union with less amount of callus formation and the callas came out through the holes and this will lead to rigid fixation. |  Abstract  |