

Circular Frame External Fixation For Tibia Fracture: Stability Of External Fixaton

Hakan Kırık

Department of Orthopaedics & Traumatology, University of Ankara, Ankara, Turkey.

Ilizarov circular fixator sometimes is very helpful in the treatment of tibial fractures. Avoidance of reduction loss and shortening is possible with a good fracture reduction and a well-planned stable frame. Two rings for fracture segment, 2 or 3 fixation points either wire or Schanz pin per ring connected with 4 threaded rods is ideal. Ring size, distance between rings, distance between fracture site to the closest ring, diameter and pattern of the wires are also important in frame stability. In this lecture, tips and tricks for improving frame stability will be given.