

Management of Tibial Condylar Fractures with Different Modalities of Fixation

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Abstract:

The tibial condyles contribute to form the major weight bearing knee joints, congruence and anatomical reduction is utmost important to restore the normal joint function and to avoid secondary osteoarthritis of the knee joint. Various modalities of osteosynthesis by percutaneous, mippo, and open methods are available to achieve the congruous joint with anatomical reduction. To evaluate the results of different fixation modalities this study is conducted at Indore Institute of Orthopaedics and Traumatology.

A total of 32 patients 23 males and 9 females between the age group of 20 to 74 years are operated by different methods and followed for 6 months. Out of 32 patients excellent results in 18, good in 6 patients, fair in 2 patients are observed. 6 patients were lost to follow up. Radiological and clinical observation reveals that, meticulous anatomical congruous reduction & stable fixation is the key of excellent outcome.

Keywords: Fracture, Tibia condyle, Fixation, Functional outcome.