

MINIMALLY INVASIVE TREATMENT IN DISTAL TIBIAL FRACTURES

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ABSTRACT:

MINIMALLY INVASIVE TECHNIQUE IN DISTAL TIBIAL FRACTURES ARE TECHNICALLY FEASIBLE AND MAY BE ADVANTAGEOUS IN THAT IT MINIMIZES SOFT TISSUE COMPROMISE AND DEVASCULARIZATION OF THE FRACTURED FRAGMENTS.

SIXTEEN PATIENTS WITH DISTAL FRACTURES WERE TREATED WITH ANATOMICALLY CONTOURED PLATES BETWEEN JAN.-DEC.2013 IN 2ND ORTHOPAEDIC DEPARTMENT TIMISOARA HOSPITAL COUNTY. SURGICAL TECHNIQUE INVOLVES CONVENTIONAL OPEN REDUCTION AND INTERNAL FIXATION WITH PLATES AND SCREWS OF THE ASSOCIATED FIBULAR FRACTURE IN 14 CASES, FOLLOWED BY MINIMALLY PLATE OSTEOSYNTHESIS OF DISTAL TIBIA USING PRECONTOURED PLATES AND PERCUTANEOUS PLACED CORTICAL SCREWS.

THIS STUDY WAS DESIGNED TO REVIEW CLINICAL AND RADIOLOGICAL OUTCOMES OF DISTAL TIBIA FRACTURES SURGICAL TREATMENT USING ANATOMICALLY CONTOURED PLATES.

KEYWORDS: DISTAL TIBIAL FRACTURES, MINIMALLY INVASIVE TECHNIQUE, ANATOMICALLY-CONTOURED PLATES.

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