**Original article:**

**Forearm Bone fractures: Dynamic Compression Platting Vs Locking compression plating – Randomised control study.**

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**ABSTRACT:**

**BACKGROUND:** This article reports the efficacy of Dynamic compression plate versus Locking compression plate with regards to forearm bone fracture fixation, implant fixation, intra-operative & post-operative complications of the surgical intervention.

**SUBJECTS & METODS:** 40 patients with a history of traumatic fracture of forearm bone were included in the study who reported in our Hospital.

**RESULTS:** In a study of 40 cases of forearm bone fractures, 20 (Group A) were treated with DCP and 20 ( Group B) were treated with Locking compression plate.All the 40 patients were followed up at 4-6 weeks , 11-14 weeks and 6 months for functional and radiological review.

**CONCLUSION:**  The locking compression plating of diaphyseal bones produced excellent results, the advantages being early mobilization, early union and hence prevention of fracture disease. The only disadvantage is that it is more expensive than the Dynamic compression plate.

**KEYWORDS:** Dynamic compression plate, Locking compression plate, Both bone forearm