“Management of dorsally displaced distal radius fracture by volar fixation using locking compression plate.”

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***Abstract:***

**Introduction**: Dorsally angulated and displaced fractures of distal radius are common and tend to suffer secondary treatment after conservative treatment. Present study was planned to evaluate the functional and radiological results of treating unstable dorsally displaced fractures of distal radius with locking compression plate

**Material & methods**: 25 cases of dorsally displaced distal radius fractures (9 men and 16 women; mean age ,49.8 years) were fixed by volar locking compression plate and followed up followed for six months minimum.

**Results:** Lidstorm’s anatomical criteria showed 23 grade I (excellent) and 2 grade II (good) results while functional results 10 excellent, 10 good outcome while 3 patients exhibiting fair & 2 poor results. Only one patient had superficial infection**.**

**Conclusion**: From present study we may conclude that volar locking plate is a safe and effective treatment for dorsally displaced unstable fractures of distal end radius

**Key words**: bone plate, radius fracture, fracture fixation, locking

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