

## **A RARE PRESENTATION OF FLEXOR DIGITORUM PROFUNDUS TYPE V AVULSION INJURY WITH ASSOCIATED INTRA-ARTICULAR FRACTURE: A CASE REPORT**

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**Introduction:** Traumatic flexor digitorum profundus (FDP) tendon avulsion fracture also known as Jersey finger is generally associated with young adults engaged in athletic activities, commonly affecting the ring finger. The current report presents a case involving a 57 year old female with Jersey finger Type Vb involving the right little finger secondary to trivial injury - an unusual cause of this injury.

**Discussion:** A 57-year-old right handed female presented with painful deformity over right little finger after trying to pull out her trapped finger in between car seat and side handle. On examination the displaced fragment was palpable over the distal interphalangeal joint (DIPJ). Radiographs revealed a comminuted fracture over base of distal phalanx right little finger with intra-articular extension indicating a flexor digitorum profundus (FDP) avulsion fracture (Leddy Packer Jersey Finger Type Vb). Patient underwent pull-through suturing of FDP supplemented with dorsal blocking and axial Kirschner wire over right little finger under Wide Awake Local Anaesthesia No Tourniquet (WALANT) 2 weeks post trauma. Fracture was united at 1 month post-surgery and she achieved good range of motion of right little finger interphalangeal joint.

**Conclusion:** Various surgical treatment options have been described to address FDP avulsion fracture. The key to successful outcome relies on early recognition and appropriate timing of operation depending on the degree of tendon retraction.