



True Ring Avulsion Injury of the Ring Finger

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Clinical image description

58-year-old-male presented to the emergency department with an injury to his non-dominant left ring finger. Patient slipped off a stool in his garage, instinctively reaching with his left hand to prevent falling. The ring on his ring finger became rigidly caught on a shelf, and the downward force of body weight resulted in a 360° avulsion, Urbaniak Class III (Panel A and B). The injury resulted in complete disarticulation through the proximal interphalangeal joint (Panel C), with concomitant avulsion of the skin, both neurovascular bundles, collateral ligaments, and avulsion of the flexor digitorum superficialis and flexor digitorum profundus tendons at the musculotendinous junction. Remarkably, the ring itself was maintained around the avulsed tendons at presentation. Given the extent of injury, patient was treated with revision amputation and local tissue advancement in the emergency department. Complete wound healing without infection or significant functional impairment was noted at follow-up several months later.



