

**JCHS-CQ-02-2023**

### **Is My Finger Broken?**

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#### **Case Presentation**

A right-handed 52-year-old man complained of sudden deformity over his right ring finger following a hyperflexion injury. He accidentally hyperflexed the distal interphalangeal joint (DIPJ) of his right ring finger while showering. Since then, he noticed that he had a flexion deformity and could not actively extend his ring finger at the DIPJ.

Further examination revealed a 30° flexion deformity of the right ring finger at the DIPJ and slight hyperextension at the proximal interphalangeal joint (Figure 1). There was an extension lag at the DIPJ with no wounds, bruises or obvious soft tissue swelling. It was painless upon passive extension of the DIPJ. The flexor tendon function was preserved. Plain radiograph of the right ring finger was done (Figure 2).



**Figure 1** Flexion deformity of 30° at the DIPJ and slight hyperextension of the proximal interphalangeal joint of the of the right ring finger



**Figure 2** (a) AP and (b) Lateral view of the right ring finger

**Question:**

Based on the clinical presentation, what is the most likely diagnosis for this patient?