

J. Smith
3302 Main St.
Somewhere, USA, 01234

PATIENT: J. Smith
DOB: 2/4/1962
FILE #: 0123456
PHYSICIAN: REFERRING
EXAM: MRI OF THE LEFT WRIST
DATE: 08/08/2003

CLINICAL INDICATION

Wrist pain. Rule out fracture.

TECHNIQUE

Imaging was performed on this patient in the sagittal plane with T1 weighting and in the coronal plane with a proton-density and T2-weighted sequence and with a 2D gradient echo sequence. This was followed by coronal and axial fast spin-echo T2-weighted sequences with fat suppression.

FINDINGS

The examination demonstrates evidence of a pattern of prominent marrow edema, reflective of a marrow contusion in the distal radius. There is no evidence distinct of a fracture line to suggest the presence of fracture. The pattern suggests a contusion. There is also marrow edema in the region of the ulnar styloid process and about the ulnar attachment of the triangular fibrocartilage reflective of bony contusion and injury to the adjacent soft tissues and the ulnar attaching fibers of the triangular fibrocartilage complex. There is no complete tear of these structures. The extensor carpi ulnaris tendon and tendon sheath remains intact. The lunate triquetral ligament is intact. There is some edema in the volar aspect of the scapholunate ligament and in the central aspect compatible with a sprain or strain and/or low-grade partial tear without complete tear. Wrist alignment is maintained. The contents of the carpal tunnel are intact. There is no tendon injury.

IMPRESSION

1. MARROW CONTUSION INVOLVING THE DISTAL RADIUS AND DISTAL ULNA, AS DESCRIBED ABOVE.
2. ASSOCIATED SOFT TISSUE INJURY WITHIN THE VOLAR AND CENTRAL ASPECT OF THE SCAPHOLUNATE LIGAMENT, WHICH MAY REFLECT A SPRAIN OR STRAIN OR LOW-GRADE PARTIAL TEAR.
3. THERE IS SIMILAR EVIDENCE OF INJURY REFLECTIVE OF STRAIN OF THE ULNAR ATTACHING FIBERS OF THE TRIANGULAR FIBROCARILAGE.

THIS REPORT WAS ELECTRONICALLY SIGNED

Michael Zlatkin, MD
MZ/vd