



NATIONALRad

SPECIALISTS IN DIAGNOSTIC IMAGING

MRI CASE STUDY RIGHT WRIST

This case study is based on an actual diagnostic interpretation generated by a NationalRad board certified musculoskeletal radiologist.

CLINICAL INFORMATION:

Evaluate right wrist pain and swelling. History of remote injury. Evaluate possible occult fracture.

COMPARISON:

None.

CONTRAST:

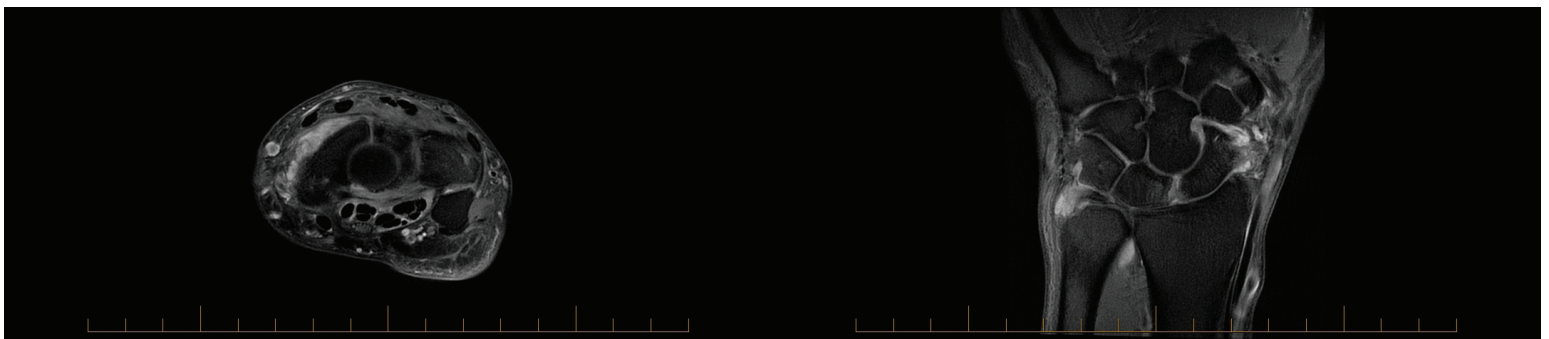
None.

TECHNIQUE:

Sagittal T1, sagittal STIR, coronal PD, coronal PD fat-sat, coronal 2D gradient echo, axial PD fat-sat.

IMPRESSION:

1. Large amount of fluid in the radiocarpal and distal radioulnar joint compartments. Low signal within the fluid column within the distal radioulnar joint could represent synovial thickening and / or debris.
2. No occult fracture. No evidence of a scaphoid fracture. No evidence of a distal radius fracture.
3. Evidence of a complete tear of the scapholunate ligament involving the central volar and dorsal portions. There is widening of the interval. There is no DISI deformity. There are mild SLAC wrist changes.
4. There is a large central to radial degenerative type tear of the triangular fibrocartilage. It is associated with a positive ulna and likely a background of ulnocarpal abutment as described above. There is a tear involving the central and dorsal aspect of the lunate triquetral ligament corresponding to this.
5. Mild extensor carpi ulnaris tendinosis. There are flexor tenosynovial changes within the carpal tunnel.



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