Wrist Arthroscopy With Repair of Dorsal Radiocarpal Ligament for Volar Carpal Instability

Walker M Heffron, Charles Andrew Daly

This video discusses the case presentation of an 18-year-old man who fell while playing basketball, which resulted in a nondisplaced triquetral fracture of the left wrist. The patient presented 7 weeks postinjury. During the time from injury to presentation, considerable volar intercalated segment instability developed and resulted in dorsal radiocarpal (radiotriquetral) ligament avulsion from the distal radius. After diagnostic arthroscopy, the patient underwent anterior and posterior interosseous neurectomies, intercarpal pinning, and open dorsal intercarpal ligament repair via a pair of all-suture anchors. After 8 weeks of planned immobilization, the patient underwent pin removal, with successful healing of the triquetral fracture and improved alignment of the lunate.