TEST YOURSELF: QUESTION

Dorsal wrist pain and swelling post trauma

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A 29-year-old male presented immediately following a cyclist versus car accident with right wrist pain and swelling. The swelling was prominent, and located primarily over the dorsal aspect of the wrist and hand. A CT image from a study at the time of presentation is shown in Fig. 1, and a sagittal T1-weighted MRI 4 days after injury in Fig. 2. What is the cause of the swelling at the dorsal aspect of the wrist and hand?

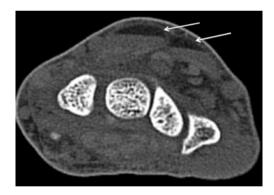


Fig. 1 CT image from a study at the time of presentation

The diagnosis can be found at doi: 10.1007/s00256-012-1570-7

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Fig. 2 Sagittal T1-weighted MRI 4 days after injury