A 48-year-old man with chronic right shoulder pain and weakness after a fall

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History

A 48-year-old man presented to the orthopedic surgery clinic for evaluation of significant right shoulder pain, weakness, and numbness on the anterior aspect of his right shoulder. Eleven months previously, the patient fell off a ladder and sustained an anterior right shoulder dislocation. The patient was able to reduce his shoulder himself within 5 min. MRI of the shoulder was performed (Fig. 1).

The diagnosis can be found at doi:10.1007/s00256-009-0841-4.

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Fig. 1 **a** Proton density (PD; repetition time ms/echo time ms, 1,618/20) sequence coronal oblique image; **b** T2-weighted spectral presaturation with inversion recovery (SPIR; repetition time ms/echo time ms, 3,142/60) sequence coronal oblique image; **c, d** T2-weighted (repetition time ms/echo time ms, 1,542/62) sequence sagittal oblique images. Increased signal and fatty atrophy is seen in the deltoid (white arrows) and the teres minor (black arrows). *Sup* supraspinatus muscle, *I* infraspinatus muscle, *Sub* subscapularis muscle