Hematoma causing cortical hand

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A 50-year-old man presented with isolated right hand weakness. He had a mild trauma to the right elbow 3 days before. Examination revealed loss of thumb and finger movements and impaired hand flexion and extension. No other motor deficits were observed. Sensation was intact. A nerve conduction study revealed no deficits. MRI of the brain revealed a subacute hematoma (14 × 14 × 10 mm) in the left hand region of the precentral sulcus. The distal arm paresis, a "cortical hand," produced by a hematoma is clinically indistinguishable from that produced by an ischemic stroke. 1, 2

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