Infarction of the “hand knob” area

Tobias Bach, MD, Mathias Mrowka, MD, Marburg, Germany

An 81-year-old woman reported a slowly progressive weakness of finger movements of her right hand that suddenly deteriorated 4 days before admission. She had had diabetes since 1981. Neurologic examination revealed an isolated flaccid paresis of the right hand without sensory loss or tendon reflex abnormality. Nerve conduction studies revealed signs of a generalized demyelinating (diabetic) neuropathy and excluded a lesion of the radial nerve. MRI (figure) demonstrated an acute cortical infarct located in the precentral “hand knob” area, which explains the high-grade hand paresis that—in contrast to another report—mainly affected extensors.

Infarction of the "hand knob" area
Tobias Back and Mathias Mrowka
Neurology 2001;57;1143
DOI 10.1212/WNL.57.6.1143

This information is current as of September 25, 2001

Updated Information & Services
including high resolution figures, can be found at:
http://www.neurology.org/content/57/6/1143.full.html

References
This article cites 1 articles, 0 of which you can access for free at:
http://www.neurology.org/content/57/6/1143.full.html##ref-list-1

Subspecialty Collections
This article, along with others on similar topics, appears in the following collection(s):
Clinical trials Randomized controlled (CONSORT agreement)
http://www.neurology.org/cgi/collection/clinical_trials_randomized_controlled Consort_agreement
Infarction
http://www.neurology.org/cgi/collection/infarction

Permissions & Licensing
Information about reproducing this article in parts (figures, tables) or in its entirety can be found online at:
http://www.neurology.org/misc/about.xhtml#permissions

Reprints
Information about ordering reprints can be found online:
http://www.neurology.org/misc/addir.xhtml#reprintsus