Teaching NeuroImages:
Subacute intracerebral hemorrhage mimicking brain tumor

A 73-year-old man was referred to the outpatient clinic with a 2-week history of headache and apathy. Neurologic examination revealed mild left-sided facial, arm, and leg paresis. Head CT appeared to show a right frontal lobe tumor with finger-like vasogenic edema. Instead, MRI revealed a subacute lobar hemorrhage with perihematomal edema (figure). On follow-up imaging, no underlying cause was found.

The temporal changes in density on CT can make a hemorrhage difficult to recognize, particularly in the late subacute phase. MRI is able to detect several phases of hematoma evolution and shows better discrimination of the lesion from surrounding edema.

AUTHOR CONTRIBUTIONS
P.M. Janssen and E.I. Hoff both provided clinical care to the patient and participated in writing and design of the manuscript.

REFERENCES
Teaching NeuroImages: Subacute intracerebral hemorrhage mimicking brain tumor
Paula M. Janssen and Erik I. Hoff
Neurology 2012;79:e183
DOI 10.1212/WNL.0b013e3182752cfd

This information is current as of November 19, 2012

Updated Information & Services
including high resolution figures, can be found at:
http://n.neurology.org/content/79/21/e183.full

References
This article cites 2 articles, 0 of which you can access for free at:
http://n.neurology.org/content/79/21/e183.full#ref-list-1

Subspecialty Collections
This article, along with others on similar topics, appears in the following collection(s):
CT
http://n.neurology.org/cgi/collection/ct
Intracerebral hemorrhage
http://n.neurology.org/cgi/collection/intracerebral_hemorrhage
MRI
http://n.neurology.org/cgi/collection/mri
Primary brain tumor
http://n.neurology.org/cgi/collection/primary_brain_tumor

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

Reprints
Information about ordering reprints can be found online:
http://n.neurology.org/subscribers/advertise

Neurology is the official journal of the American Academy of Neurology. Published continuously since 1951, it is now a weekly with 48 issues per year. Copyright © 2012 American Academy of Neurology. All rights reserved. Print ISSN: 0028-3878. Online ISSN: 1526-632X.