A 27-year-old woman with no known risk factors for stroke presented with right hemiparesis. There was infarction of left corpus striatum on brain CT and MRI (figure 1). Imaging also showed an intracranial lipoma adjacent to the middle cerebral artery (MCA) (figure 2).

We presumed that striatocapsular infarct was due to occlusion of the orifice of a lenticulostriate artery originating from the MCA.\(^1\) Intracranial lipomas may rarely occur adjacent to the MCA and may be associated with striatocapsular infarction.\(^2\)

**REFERENCES**


**Figure 1** Striatocapsular infarction on the left side

(A) Brain CT images, (B) MRI T2-weighted images, (C) diffusion-weighted images, and (D) apparent diffusion coefficient maps show chronic infarction.

(A) The brain CT density of this hypodense lesion was measured as ~ 80 HU. (B) T1-weighted MRI shows the hyperintense lipoma. (C) On T1-weighted image with fat suppression, intensity of the lesion is homogeneously decreased. (D) Reformatted time-of-flight magnetic resonance angiogram image shows lipoma caused chemical shift artifact at the origin of the lenticulostriate arteries.

From the Department of Radiology, Duzce University Medicine School, Duzce, Turkey.

The authors report no disclosures relevant to the manuscript. Go to Neurology.org for full disclosures.
Teaching NeuroImages: Striatocapsular infarct presumed due to intracranial lipoma
Fahri Halit Besir and Omer Onbas
Neurology 2015;84:e11
DOI 10.1212/WNL.0000000000001121

This information is current as of January 12, 2015

Updated Information & Services
including high resolution figures, can be found at:
http://n.neurology.org/content/84/2/e11.full

Supplementary Material
Supplementary material can be found at:
http://n.neurology.org/content/suppl/2015/01/10/WNL.0000000000001121.DC1

References
This article cites 2 articles, 0 of which you can access for free at:
http://n.neurology.org/content/84/2/e11.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
Infarction
http://n.neurology.org/cgi/collection/infarction
MRI
http://n.neurology.org/cgi/collection/mri

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