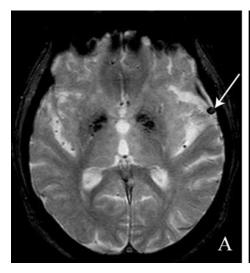
## **Neuro***lmages*



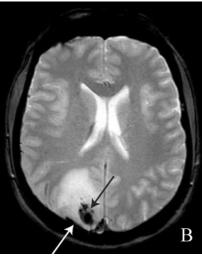


Figure. MRI T2\*. (A) Case 1: loss of signal consistent with a thrombosed cortical vein (white arrow). (B) Case 2: right occipital venous hemorrhagic infarction (black arrow), and thrombosed superficial vein (white arrow).

## T2\*-weighted MRI in cortical venous thrombosis

S. Cakmak, MD; M. Hermier, MD; A. Montavont, MD; L. Derex, MD; F. Mauguière, MD; P. Trouillas, MD; and N. Nighoghossian, MD, Bron Cedex, France

T2\*/susceptibility-weighted (T2\*SW) MRI enables diagnosis of cerebral venous thrombosis (CVT) by clot visualization as an area

Address correspondence and reprint requests to Prof. N. Nighoghossian, Neurovascular Unit, Hôpital Neurologique et Neurochirurgical P. Wertheimer, 59, Bd Pinel 69677, Bron Cedex, France; e-mail: norbert.nighoghossian@chu-lyon.fr

of hypointensity.¹ This sequence also contributes to the diagnosis of isolated cortical CVT.

A 78-year-old man suffered a first episode of generalized seizure, right-sided hemiparesis, and confusion (figure, A). A 38-year-old woman complained of headache and left hemianopsia (figure, B). MRI was performed on a 1.5 T scanner 10 days after symptom onset in Case 1 and 3 days in Case 2, including diffusion weighted imaging, conventional T1 and T2, proton density, gadolinium enhanced 2D-TOF venography, and T2\* SW imaging.

<sup>1.</sup> Selim M, Fink J, Linfante I, Kumar S, Schlaug G, Caplan LR. Diagnosis of cerebral venous thrombosis with echo-planar  $T2^*$ -weighted magnetic resonance imaging. Arch Neurol 2002;59:1021–1026.



## T2\*-weighted MRI in cortical venous thrombosis

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