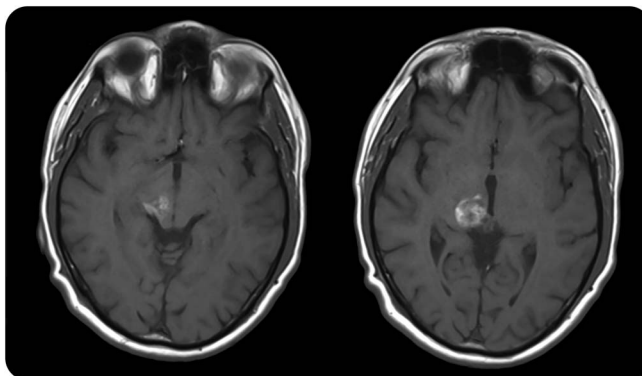


Late attacks of paroxysmal ocular tilt reaction



Figure MRI shows the calcified right-sided lesion of the thalamus and mesencephalon at the site of prior bleeding



A 54-year-old patient had a right mesodiencephalic hemorrhage in 1992, with residual double vision until 2000. He was symptom-free until 2010, when he developed fluctuating diplopia. We observed paroxysmal attacks of a right ocular tilt reaction (OTR) (video at Neurology.org), whereas in the interval he had a left OTR. MRI showed a calcification of the preexisting lesion (figure). The attacks are apparently caused by an excitation of the right interstitial nucleus of Cajal (INC),¹ as supported by the effectiveness of carbamazepine (100mg b.i.d.). The delayed onset can be explained by a reorganization of the excitatory and inhibitory synapses found in the INC.²

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Supplemental data
at Neurology.org

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