A 26-year-old woman with an 8-year history of untreated multiple sclerosis (MS) presented with acute-onset continuous involuntary wavelike movements on the right side of her face (video). Neurologic examination revealed continuous right-sided hemifacial myokymia (CFM), with no concurrent hemifacial spasm. MRI documented a new nonenhancing lesion in the dorsolateral right pontine tegmentum and multiple supratentorial demyelinating lesions (figure, A–D). Symptoms spontaneously resolved 3 weeks later. MS relapses may involve the postnuclear facial nerve course within the pontine tegmentum,
producing ipsilateral CFM.\textsuperscript{1,2} Strict unilaterality and per-  
ioral involvement argue against benign eyelid myokymia  
and should suggest a structural pontic lesion, warranting  
neuroimaging.

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**References**

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