Teaching Video NeurolImages: Oculogyric crisis in treated Parkinson disease

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Neurology® 2018;90:e263. doi:10.1212/WNL.0000000000004816

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A 52-year-old woman with Parkinson disease (PD) since age 42 on carbidopa/levodopa 25/250 5 times/d developed “offs” characterized by left foot dystonia. After adding rasagiline 1 mg/d, multihour episodes of gaze deviation, anxiety, retrocollis, and dyskinesias ensued (video, links.lww.com/WNL/A30). Symptoms, marginally improved with diphenhydramine, resolved when levodopa was held temporarily. They did not recur after discontinuation of rasagiline.

Typical oculogyric crisis lasting hours with accompanying psychiatric features is rare in PD.^{1,2} It is more commonly associated with dopamine blockers, postencephalitic parkinsonism, and disorders of dopamine metabolism.¹ Levodopa-induced brief suppressible gaze deviation, toward the side most affected in advanced PD, is more prevalent.²

MORE ONLINE

→ Video

links.lww.com/WNL/A30

→ Teaching slides:

links.lww.com/WNL/A223

Author contributions

Jennie Davis: study concept and design, acquisition of data, drafting and critical revision of manuscript for intellectual content. Julie Kurek: study concept and design, critical revision of manuscript for intellectual content. John Morgan: study concept and design, acquisition of data, critical revision of manuscript for intellectual content. Kapil Sethi: study concept and design, critical revision of manuscript for intellectual content.

Study funding

No targeted funding reported.

Disclosure

J. Davis reports no disclosures relevant to the manuscript. J. Kurek received speaker's honoraria from Teva. J. Morgan: consultant to Acorda, Impax, Lundbeck, Teva, Veloxis, and the National Parkinson's Foundation; speaker for Impax and Teva; research support from NIH and National Parkinson's Foundation; expert witness and consultant in various neurologic legal cases. K. Sethi: past employment: Merz Pharmaceuticals; consultant for Cynapsus and Teva Grant; support from the NIH, National Parkinson's Foundation, Kyowa, AbbVie, Acadia, Biotie, and Serina; expert witness in welding and metoclopramide litigation. Go to Neurology.org for full disclosures.

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This information is current as of January 15, 2018

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