Metoclopramide-induced facial and palatopharyngeal myoclonus

A 61-year-old woman developed acute dyslalia, dysphonia, dysphagia, and facial rhythmic jerks 8 hours after the intake of 2 tablets of metoclopramide 10 mg, prescribed for nausea during respiratory infection. Examination revealed dysphonia, dyslalia, dysphagia, and myoclonus in the orbicularis oculi (video 1 on the *Neurology*[®] Web site at Neurology.org), orbicularis oris, and palatopharyngeal (video 2); no clicking was audible. Brain MRI, angio-MRI, and EEG were unremarkable. Biperidene 4 mg was given per os: palatopharyngeal myoclonus, dysphonia, and dyslalia improved in 30 minutes and disappeared in 12 hours. Palatal myoclonus may be a rare metoclopramide-induced movement disorder.^{1,2}

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1. Lu CS, Chu NS. Acute dystonic reaction with asterixis and myoclonus following metoclopramide therapy. *J Neurol Neurosurg Psychiatry* 1988;51:1002–1003.
2. Nampiaparampil D, Oruc NE. Metoclopramide-induced palatopharyngeal myoclonus. *Mov Disord* 2006;21:2028–2029.

Supplemental data
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