Teaching Video NeuroImages: Speech-induced oromandibular dystonia relieved by singing

We report a rare task-specific dystonia1,2 in a 26-year-old man with a 4-year progressive speech disorder characterized by oromandibular spasms. Family and medical history were unremarkable; he was never exposed to neuroleptic drugs or toxic agents. Neurologic examination revealed only speech-induced oromandibular dystonic movements, characterized by forced jaw opening, interfering with speech (video on the Neurology® Web site at www.neurology.org). However, he was able to sing and to perform other voluntary activities (swallowing, drinking, chewing). Laboratory tests and brain magnetic resonance scans were normal. He received a placebo injection with no benefit. Trihexyphenidyl was started with moderate benefit. This rare form of dystonia is sometimes triggered by praying,1,2 resembling task-specific occupational dystonias.

REFERENCES

From the Department of Neurology, INSPE, San Raffaele Scientific Institute, Milan, Italy.
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Matteo Impellizzeri, Francesca Spagnolo, Lidia Sarro, et al.
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