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MD, MS

# Teaching Video *NeuroImages*: Hand tremor, tongue and perioral fasciculation in a patient with Kennedy disease



Mohammad Rohani, MD  
Shahnaz Miri, MD

Correspondence to  
Dr. Rohani:  
[mohammadrohani@gmail.com](mailto:mohammadrohani@gmail.com)

A 54-year-old man presented with a 10-year history of progressive gait difficulty, muscle weakness, and fatigue. Clinical examinations revealed mild nasal speech; postural hand tremor; absence of deep tendon reflexes; atrophy and fasciculation in tongue, facial (perioral), and limb muscles; and gynecomastia (video on the *Neurology*<sup>®</sup> Web site at [Neurology.org](http://Neurology.org)). Nerve conduction studies had normal results; however, needle EMG demonstrated a neurogenic pattern with spontaneous activity (fibrillation, positive sharp wave, and fasciculation) in cranial and limb muscles. Genetic testing confirmed (CAG expansion of the androgen receptor gene on X chromosome) the diagnosis of spinobulbar muscular atrophy or Kennedy disease, an X-linked adult-onset degenerative disorder of motor neurons.<sup>1,2</sup>

## AUTHOR CONTRIBUTIONS

Dr. Mohammad Rohani: acquisition of data, drafting and revising the manuscript. Dr. Shahnaz Miri: drafting and revising the manuscript.

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## DISCLOSURE

The authors report no disclosures relevant to the manuscript. Go to [Neurology.org](http://Neurology.org) for full disclosures.

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From the Department of Neurology (M.R.), Iran University of Medical Sciences, Tehran, Iran; and the Department of Neurology (S.M.), SUNY Downstate Medical Center, Brooklyn, NY.

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Mohammad Rohani and Shahnaz Miri

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