

E-Pearl of the Week

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Foix-Chavany-Marie syndrome

Acute unilateral infarction can cause anarthria with intact limb strength and language function in the setting of prior contralateral infarction (Foix-Chavany-Marie syndrome). The syndrome is caused by lesions of bilateral frontal operculum or the cortical-subcortical areas of primary motor cortex. Voluntary control of facio-pharyngo-glosso-masticatory muscles is lost, while reflex movements and limb strength are preserved. The syndrome can present as a diagnostic puzzle until the prior contralateral injury is recognized.

For an example of Foix-Chavany-Marie syndrome, with images and video, see the article [Teaching Video NeuroImage: Foix-Chavany-Marie syndrome](#) from the Resident and Fellow section.

Reference

Konieczny PL, Eidelman BH, Freeman WD. Teaching Video NeuroImage: Foix-Chavany-Marie syndrome. *Neurology* 2008;70:e88.

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