Opalski syndrome
Ipsilateral hemiplegia due to a lateral-medullary infarction

A 66-year-old man developed left hemiparesis, left Horner sign, and sensory loss on his left face and right limbs, without contralateral hemiparesis or tongue weakness. MRI demonstrated a left lateral-medullary infarction (figure, A). A rare variant of lateral-medullary syndrome, Opalski syndrome,1 manifests as ipsilateral hemiplegia; however, the anatomic basis is not established.2 Therefore, we generated a directionally encoded color map (figure, B) using diffusion tensor imaging techniques and superimposed the images (figure, C and D). These suggest that involvement of the ipsilateral corticospinal tract after the pyramidal decussation, or compression of the decussation, could cause Opalski syndrome.

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The authors thank Takashi Tabuchi of the Medical Satellite Yaesu Clinic for technical assistance.

Disclosure: The authors report no disclosures.

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Neurology 2010;75;1658  
DOI 10.1212/WNL.0b013e3181fb4479

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