Figure 2. Schematic drawings of the lesions identified by MRI or CT in five patients.

7. Yoneda Y, Mori E, Tabuchi M, Yamadori A. Pure motor monoparesis due to intracerebral hemorrhage. *Stroke* 1993;24:142–143.
8. Hochman MS, DePrima SJ. Early diagnosis by diffusion-weighted MRI of pure motor stroke limited to finger weakness. *J Neuroimaging* 1998;8:179–181.

9. Lee PH, Han SW, Heo JH. Isolated weakness of the fingers in cortical infarction. *Neurology* 1998;50:823–824.
10. Phan TG, Evans BA, Huston J. Pseudounilateral palsy from a small infarct of the precentral knob. *Neurology* 2000;54:2185–2186.

Neuro Images

Cheiro-oral syndrome due to a midbrain lesion

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To our knowledge, only hemorrhage and cavernous angioma have been reported as midbrain lesions causing cheiro-oral syndrome.^{1,2} We report a case of cheiro-oral syndrome caused by a small lesion confined to the medial lemniscus in the medbrain, probably an ischemic lacunar infarct. A 42-year-old woman noted tingling on the left side of her mouth and left hand. Neurologic examination disclosed no abnormalities except for sensory disturbance in the left hand and mouth regions. T2-weighted MRI showed high-intensity lesion in the right midbrain (figure). There were no other brain lesions except for the right midbrain lesion.

Figure. T2-weighted MRI shows a small high-intensity area in the medial lemniscus of the right midbrain.

1. Ono S, Inoue K. Cheiro-oral syndrome following midbrain haemorrhage. *J Neurol* 1985;232:304–306.
2. Holter JT, Tijssen C. Cheiro-oral syndrome: does it have specific localizing value? *Eur Neurol* 1988;28:326–330.

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