

# Alien hand syndrome

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A 94-year-old patient developed the alien hand syndrome in the left (nondominant) hand following an ischemic stroke of the right parietotemporal lobe (including postcentral gyrus, superior and inferior parietal lobule) due to an occlusion of the posterior division of the right middle cerebral artery.

Video 1 illustrates involuntary limb movements of the left arm and hand that often counteract actions of the right hand. The affected limb exhibits compulsive manipulations such as grasping and fidgeting. The patient acknowledges ownership of the affected limb but experiences a sense of loss of control and frustration.

## Author contributions

Sarah Debray: writing of the manuscript, clinical assessment, video acquisition, and editing. Jelle Demeestere: conceptualization of the submission, revising the manuscript for intellectual content.

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## Disclosure

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

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