Teaching Video NeuroImages: The “round the houses” sign as a clinical clue for Niemann-Pick disease type C

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A 58-year-old man presented with progressive involuntary jerky movements. In addition to a cortical myoclonus, supported by polymyographic evaluation, we saw a “looping” trajectory of the vertical saccades, also referred to as the “round the houses” sign (video on the *Neurology*[®] Web site at Neurology.org).

This sign has been reported as an early indicator of vertical supranuclear gaze palsy in progressive supranuclear palsy.¹ However, vertical supranuclear gaze palsy is not disease specific and in our patient led to the genetically confirmed diagnosis of Niemann-Pick disease type C.² This shows that the presence of the “round the houses” sign should raise suspicion of a treatable diagnosis of Niemann-Pick disease type C.

AUTHOR CONTRIBUTIONS

H. Eggink: drafting the manuscript content, acquisition of data.
R. Brandsma: revising the manuscript content, acquisition of data. J.H. van der Hoeven: revising the manuscript content, acquisition of data.

F. Lange: revising the manuscript content, acquisition of data. T.J. de Koning: revising the manuscript content, acquisition of data. M.A.J. Tijssen: revising the manuscript content, acquisition of data.

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Supplemental data
at Neurology.org

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