Supplemental data

at Neurology.org

## Syndrome

Figure

Coronal volumetric T1 MRI brain appearances of brain sagging and its resolution



MRI at presentation (A) shows midbrain descent below the tentorium (black arrows) and posterior parahippocampal and lingual gyri herniation (white arrows). Follow-up MRI (B) demonstrates restoration of normal brainstem and medial temporal lobe configuration.

A 71-year-old man presented with 6 years of forgetfulness, behavioral change, intrusive "growling" vocalizations, orthostatic headaches, and a cough. MRI brain was consistent with frontotemporal brain sagging syndrome (figure, A). He subsequently fell, hitting his chest on a chair, with immediate resolution of his cough, cognitive improvement, and corresponding radiologic desagging (figure, B; video on the *Neurology*® Web site at Neurology.org).

Frontotemporal brain sagging syndrome may be caused by intracranial hypotension secondary to CSF leakage along nerve root sleeves and is a potentially treatable frontotemporal dementia mimic.<sup>1</sup> In this case, the fall may have caused a contusion injury and given him an auto-blood patch.

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Study funding: The Dementia Research Centre is supported by Alzheimer's Research UK, Brain Research Trust, and The Wolfson Foundation.

*Disclosure:* C. Slattery has received an honorarium payment for speaking to GE Healthcare in 2015. I. Malone and S. Clegg report no disclosures relevant to the manuscript. J. Warren is funded by a WTSCF grant (091673/Z/10/Z). N. Fox during the last 2 years has received payment for consultancy or for conducting studies from AVID, IXICO, Janssen Alzheimer Immunotherapy, Sanofi-Aventis, Genentech, Novartis, Roche, and Pfizer/Wyeth Pharmaceuticals. Professor Fox has an NIHR Senior Investigator award and receives support from the Wolfson Foundation, NIHR Biomedical Research Unit (Dementia) at UCL, the EPSRC, Alzheimer's Research UK, and the NIA. He receives no personal compensation for the activities mentioned above. Go to Neurology.org for full disclosures. The Article Processing Charge was paid by The Wellcome Trust.

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833