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. In this case, the fall may have caused a contusion injury and given him an auto-blood patch.

Catherine F. Slattery, MA, MRCP, Ian B. Malone, PhD, Shona L. Clegg, BSc, Jason D. Warren, PhD, FRACP, Nick C. Fox, MD, FRCP

From UCL Institute of Neurology, London, UK.

Author contributions: Catherine F. Slattery: reviewed the patient clinically and wrote and redrafted the manuscript. Ian B. Malone: performed nonlinear registration of imaging and redrafted the manuscript. Shona L. Clegg: performed linear registration of imaging and redrafted the manuscript. Jason D. Warren: reviewed the patient clinically and redrafted the manuscript. Nick C. Fox: reviewed the patient clinically and redrafted the manuscript.

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: funded by a WTSF grant (09/1673/2/10/32). 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.

Correspondence to Dr. Slattery: c.slattery@ucl.ac.uk

This is an open access article distributed under the terms of the Creative Commons Attribution License 4.0 (CC BY), which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited.

Reversible frontotemporal brain sagging syndrome
Neurology 2015;85:833
DOI 10.1212/WNL.0000000000001898

This information is current as of August 31, 2015

Updated Information & Services
including high resolution figures, can be found at:
http://n.neurology.org/content/85/9/833.full

Supplementary Material
Supplementary material can be found at:
http://n.neurology.org/content/suppl/2015/08/30/WNL.0000000000001898.DC1

References
This article cites 1 articles, 1 of which you can access for free at:
http://n.neurology.org/content/85/9/833.full#ref-list-1

Citations
This article has been cited by 1 HighWire-hosted articles:
http://n.neurology.org/content/85/9/833.full##otherarticles

Subspecialty Collections
This article, along with others on similar topics, appears in the following collection(s):
All Cognitive Disorders/Dementia
http://n.neurology.org/cgi/collection/all_cognitive_disorders_dementia
Frontotemporal dementia
http://n.neurology.org/cgi/collection/frontotemporal_dementia
MRI
http://n.neurology.org/cgi/collection/mri
Volumetric MRI
http://n.neurology.org/cgi/collection/volumetric_mri

Permissions & Licensing
Information about reproducing this article in parts (figures, tables) or in its entirety can be found online at:
http://www.neurology.org/about/about_the_journal#permissions

Reprints
Information about ordering reprints can be found online:
http://n.neurology.org/subscribers/advertise

Neurology ® is the official journal of the American Academy of Neurology. Published continuously since 1951, it is now a weekly with 48 issues per year. Copyright © 2015 American Academy of Neurology. All rights reserved. Print ISSN: 0028-3878. Online ISSN: 1526-632X.