A 40-year-old woman presented with worsening headache accompanied by vomiting, anorexia, and tinnitus. The headaches were initially orthostatic. MRI showed chronic progressive subdural hematomas (SDH) with significant mass effect, diffuse pachymeningeal enhancement, and pituitary enhancement/enlargement (figure, A and B), indicating intracranial hypotension due to spontaneous spinal CSF leak, which was confirmed by CT myelography (figure, C). CSF leak is an important cause of SDH,1 which, by clinical and radiologic manifestations, may give the false impression that the patient has intracranial hypertension but without papilledema or hydrocephalus, termed pseudo-intracranial hypertension. This recognition is crucial because both conservative measures to decrease intracranial pressure and evacuation of the SDH are harmful.1,2

AUTHOR CONTRIBUTIONS
Dr. Xing-Lin Tan: study concept and design, drafting and revising the manuscript, acquisition, analysis, and interpretation of data. Dr. Bo Xiao: acquisition, analysis, and interpretation of data. Dr. Qi-Dong Yang: acquisition, analysis, and interpretation of data. Dr. Qing Huang: acquisition, analysis, and interpretation of data. Dr. Lan Xiao: analysis and interpretation of data. Dr. Bei-Sha Tang: analysis and interpretation of data, study supervision.

STUDY FUNDING
No targeted funding reported.

REFERENCES
Teaching NeuroImages: Subdural hematoma with pseudo-intracranial hypertension
Xing-Lin Tan, Bo Xiao, Qi-Dong Yang, et al.
Neurology 2013;80:e12
DOI 10.1212/WNL.0b013e31827b1a7a

This information is current as of December 24, 2012

Updated Information & Services
including high resolution figures, can be found at:
http://n.neurology.org/content/80/1/e12.full

References
This article cites 2 articles, 1 of which you can access for free at:
http://n.neurology.org/content/80/1/e12.full#ref-list-1

Subspecialty Collections
This article, along with others on similar topics, appears in the following collection(s):
Low pressure syndrome
http://n.neurology.org/cgi/collection/low_pressure_syndrome
MRI
http://n.neurology.org/cgi/collection/mri
Other cerebrovascular disease/ Stroke
http://n.neurology.org/cgi/collection/other_cerebrovascular_disease__stroke

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