

Accepted Manuscript

Central herniation induced by craniotomy prompting air replacement for subdural fluid collection due to cerebrospinal fluid hypovolemia: a case report

Takahide Haku, M.D., Yasushi Motoyama, M.D., Ph.D., Yoshiaki Takamura, M.D., Shuichi Yamada, M.D., Ph.D., Ichiro Nakagawa, M.D., Ph.D., Young-Su Park, M.D., Ph.D., Hiroyuki Nakase, M.D., Ph.D

PII: S1878-8750(18)31274-9

DOI: [10.1016/j.wneu.2018.06.059](https://doi.org/10.1016/j.wneu.2018.06.059)

Reference: WNEU 8372

To appear in: *World Neurosurgery*

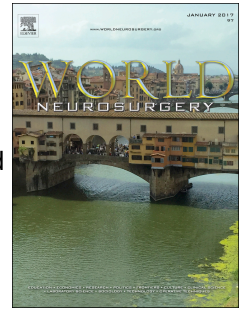
Received Date: 1 May 2018

Revised Date: 6 June 2018

Accepted Date: 8 June 2018

Please cite this article as: Haku T, Motoyama Y, Takamura Y, Yamada S, Nakagawa I, Park Y-S, Nakase H, Central herniation induced by craniotomy prompting air replacement for subdural fluid collection due to cerebrospinal fluid hypovolemia: a case report, *World Neurosurgery* (2018), doi: 10.1016/j.wneu.2018.06.059.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



1 **Central herniation induced by craniotomy**
2 **prompting air replacement for subdural fluid**
3 **collection due to cerebrospinal fluid**
4 **hypovolemia: a case report**

5 **Takahide Haku, M.D., Yasushi Motoyama, M.D., Ph.D., Yoshiaki Takamura,**
6 **M.D., Shuichi Yamada, M.D., Ph.D., Ichiro Nakagawa, M.D., Ph.D., Young-Su**
7 **Park, M.D., Ph.D., Hiroyuki Nakase, M.D., Ph.D.**

8 *Department of Neurosurgery, Nara Medical University, Kashihara, Nara, Japan*

9 **Key words**

- 10 ■ central herniation
11 ■ cerebrospinal fluid hypovolemia
12 ■ subdural fluid collection

13 **Abbreviations and Acronyms**

- 14 ■ SDFC: subdural fluid collection
15 ■ CSF: cerebrospinal fluid
16 ■ CSDH: chronic subdural hematoma

17

18 To whom correspondence should be addressed: Yasushi Motoyama, M.D.

19 [E-mail: myasushi@naramed-u.ac.jp]

20

Download English Version:

<https://daneshyari.com/en/article/8691319>

Download Persian Version:

<https://daneshyari.com/article/8691319>

[Daneshyari.com](https://daneshyari.com)