## **Accepted Manuscript**

Lymphocytic Hypophysitis Secondary to Ruptured Rathke's Cleft Cyst: Case Report and Literature Review

Chengxian Yang, MD, Huanwen Wu, MD, Xinjie Bao, MD, Renzhi Wang, MD

PII: \$1878-8750(18)30568-0

DOI: 10.1016/j.wneu.2018.03.086

Reference: WNEU 7698

To appear in: World Neurosurgery

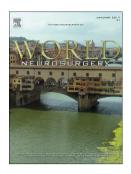
Received Date: 8 December 2017

Revised Date: 10 March 2018

Accepted Date: 12 March 2018

Please cite this article as: Yang C, Wu H, Bao X, Wang R, Lymphocytic Hypophysitis Secondary to Ruptured Rathke's Cleft Cyst: Case Report and Literature Review, *World Neurosurgery* (2018), doi: 10.1016/j.wneu.2018.03.086.

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.



#### ACCEPTED MANUSCRIPT

### Lymphocytic Hypophysitis Secondary to Ruptured Rathke's Cleft Cyst: Case Report and Literature Review

Chengxian Yang, MD<sup>a</sup>; Huanwen Wu, MD<sup>b</sup>; Xinjie Bao, MD<sup>a</sup>; Renzhi Wang, MD<sup>a</sup>

<sup>a</sup>Department of Neurosurgery, Peking Union Medical College Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, No. 1 Shuaifuyuan, Dongcheng District, Beijing, 100730, China.

<sup>b</sup>Department of Pathology, Peking Union Medical College Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, No. 1 Shuaifuyuan, Dongcheng District, Beijing, 100730, China

#### Correspondence:

Xinjie Bao, Department of Neurosurgery, Peking Union Medical College Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, No. 1 Shuaifuyuan, Dongcheng District, Beijing, 100730, China. (e-mail: xinjieabao@163.com).

Renzhi Wang, Department of Neurosurgery, Peking Union Medical College Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, No. 1 Shuaifuyuan, Dongcheng District, Beijing, 100730, China. (e-mail: renzhiwangpumch@163.com).

#### Abstract

**Background:** Lymphocytic hypophysitis (LH) is a rare inflammatory lesion in sellar region. LH secondary to ruptured Rathke's cleft cyst (RCC) is even more rarely observed according to published case reports. The clinical characteristics, treatment strategies and prognosis of such lesions remain elusive.

Case Description: A 58-year-old Chinese woman was admitted to our hospital complaining of initial intermittent headache for 3 years and new development of polydipsia, polyuria, and binocular visual acuity decline for recent 4 months. On admission, endocrine results were normal. Ophthalmic testing showed bitemporal visual field deficits and decreased visual acuity of both eyes. Pituitary dynamic

#### Download English Version:

# https://daneshyari.com/en/article/8691612

Download Persian Version:

https://daneshyari.com/article/8691612

<u>Daneshyari.com</u>