## **Accepted Manuscript**

Transnasal transphenoidal elevation of optic chiasm in secondary empty sella syndrome following prolactinoma treatment

Mary In-Ping Huang Cobb, MD, Rachael Mintz-Cole, MD, PhD, Aatif M. Husain, MD, Miles Berger, MD, PhD, David Jang, MD, Patrick Codd, MD

PII: \$1878-8750(18)30245-6

DOI: 10.1016/j.wneu.2018.01.202

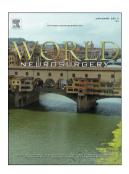
Reference: WNEU 7400

To appear in: World Neurosurgery

Received Date: 4 December 2017 Revised Date: 29 January 2018 Accepted Date: 30 January 2018

Please cite this article as: In-Ping Huang Cobb M, Mintz-Cole R, Husain AM, Berger M, Jang D, Codd P, Transnasal transphenoidal elevation of optic chiasm in secondary empty sella syndrome following prolactinoma treatment, *World Neurosurgery* (2018), doi: 10.1016/j.wneu.2018.01.202.

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.



Cobb

Transnasal transphenoidal elevation of optic chiasm in secondary empty sella syndrome following prolactinoma treatment

<sup>1</sup>Mary In-Ping Huang Cobb, MD <sup>2</sup>Rachael Mintz-Cole, MD, PhD <sup>4</sup>Aatif M. Husain, MD <sup>2</sup>Miles Berger, MD, PhD <sup>3</sup>David Jang, MD <sup>1</sup>Patrick Codd, MD

<sup>1</sup>Department of Neurosurgery, Duke University Hospitals
<sup>2</sup>Department of Anesthesiology, Duke University Hospitals
<sup>3</sup>Department of Head and Neck Surgery and Communication Sciences, Duke University Hospitals
<sup>4</sup>Department of Neurology, Duke University Hospitals

## Corresponding Author:

Mary In-Ping Huang Cobb, M.D. DUMC Box 3807 Duke University Medical Center Durham, NC 27710

Phone: 650.400.3423 Fax: 919.681.1037

Email: maryih.cobb@duke.edu

Declarations of interest: None

Keywords: complications of prolactinoma treatment, empty sella syndrome, optic chiasm elevation, optic chiasmapexy, prolactinoma

Abbreviations list: CT (computerized tomography), MRI (magnetic resonance imaging), TNTS (transnasal transphenoidal), VEP (visual evoked potentials)

## Download English Version:

## https://daneshyari.com/en/article/8691827

Download Persian Version:

https://daneshyari.com/article/8691827

<u>Daneshyari.com</u>