

# Accepted Manuscript

Title: Longitudinally extensive myelopathy associated with multiple spinal arteriovenous fistulas in a patient with cowden syndrome: a case report

Author: Paula Barreras, Philippe Gailloud, Carlos A. Pardo

PII: S1529-9430(16)00045-0

DOI: <http://dx.doi.org/doi: 10.1016/j.spinee.2016.01.005>

Reference: SPINEE 56812

To appear in: *The Spine Journal*

Received date: 13-10-2015

Revised date: 16-12-2015

Accepted date: 1-1-2016



Please cite this article as: Paula Barreras, Philippe Gailloud, Carlos A. Pardo, Longitudinally extensive myelopathy associated with multiple spinal arteriovenous fistulas in a patient with cowden syndrome: a case report, *The Spine Journal* (2016), <http://dx.doi.org/doi: 10.1016/j.spinee.2016.01.005>.

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 **A Longitudinally Extensive Myelopathy associated with Multiple Spinal**  
2 **Arteriovenous Fistulas in a patient with Cowden Syndrome: A Case Report**

3 Paula Barreras, MD<sup>1,2</sup>; Philippe Gailloud, MD<sup>3</sup>; Carlos A. Pardo, MD<sup>1,2</sup>.

4 <sup>1</sup> Department of Neurology & Division of Neuroimmunology and Neuroinfectious  
5 Disorders, <sup>2</sup>Johns Hopkins Transverse Myelitis Center, <sup>3</sup>Department of Radiology &  
6 Division of Interventional Neuroradiology, Johns Hopkins University School of Medicine,  
7 Baltimore, MD 21287, USA.

8  
9 Corresponding Author:

10 Carlos A. Pardo, MD

11 Associate Professor of Neurology, Johns Hopkins University School of Medicine

12 Department of Neurology & Johns Hopkins Transverse Myelitis Center, Johns Hopkins

13 University; 600 North Wolfe Street, 627 Pathology Bld, Baltimore, MD 21287, U.S.A

14 E-mail: cpardov1@jhmi.edu

15 Tel: +1 (410) 206-1441

16  
17

18 **ABSTRACT:**

19 **BACKGROUND CONTEXT:** Cowden syndrome is an autosomal dominant syndrome  
20 characterized by multiple hamartomas and an increased cancer risk. It is associated  
21 with mutations in the phosphatase and tensin homolog (PTEN) gene that encodes a  
22 tumor suppressant phosphatase.

Download English Version:

<https://daneshyari.com/en/article/8804644>

Download Persian Version:

<https://daneshyari.com/article/8804644>

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