

## Accepted Manuscript

Title: Outcome and predictive factors in post-stroke seizures:  
A retrospective case-control study

Authors: Ramiro Castro-Apolo, Josephine F. Huang, Myrian  
Vinan-Vega, William O. Tatum



PII: S1059-1311(18)30503-X  
DOI: <https://doi.org/10.1016/j.seizure.2018.09.007>  
Reference: YSEIZ 3283

To appear in: *Seizure*

Received date: 8-8-2018  
Revised date: 9-9-2018  
Accepted date: 12-9-2018

Please cite this article as: Castro-Apolo R, Huang JF, Vinan-Vega M, Tatum WO, Outcome and predictive factors in post-stroke seizures: A retrospective case-control study, *Seizure: European Journal of Epilepsy* (2018), <https://doi.org/10.1016/j.seizure.2018.09.007>

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.

Original Research

**OUTCOME AND PREDICTIVE FACTORS IN POST-STROKE SEIZURES: A  
RETROSPECTIVE CASE-CONTROL STUDY**

Ramiro Castro-Apolo MD<sup>1,2</sup>, Josephine F Huang MD<sup>1</sup>, Myrian Vinan-Vega MD<sup>1,3</sup>, William O  
Tatum DO<sup>1</sup>

<sup>1</sup> *Department of Neurology, Mayo Clinic, Jacksonville, FL, USA*

<sup>2</sup> *Department of Neurology, Lehigh Valley Health Network, Allentown, PA, USA*

<sup>3</sup> *Department of Internal Medicine, Texas Tech University, Lubbock, TX, USA*

**Corresponding author:**

William O. Tatum, D.O., FACNS ,Department of Neurology ,Mayo Clinic ,4500 San Pablo  
Road ,Jacksonville, FL, 32224 ,Telephone: (904) 953-2498 ,Email: tatum.william@mayo.edu

**HIGHLIGHTS**

- Ischemic stroke is the most common cause of seizures in the elderly.
- Larger stroke size in the anterior cerebral circulation correlated with new-onset seizures.
- Laminar necrosis and/or hemosiderin deposits constitute significant risks to develop post-stroke seizures.
- Post-stroke seizures patients have worse short and long-term outcomes according to the mRS.

**ABSTRACT**

Download English Version:

<https://daneshyari.com/en/article/11031644>

Download Persian Version:

<https://daneshyari.com/article/11031644>

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