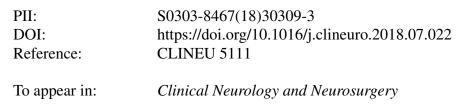
## Accepted Manuscript

Title: Impact of seasonal variations on the first ischemic events in patients with moyamoya disease

Authors: Jiayue Ding, Da Zhou, Shuling Shang, Liqun Pan, Jingyuan Ya, Yuchuan Ding, Xunming Ji, Ran Meng



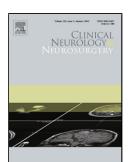
 Received date:
 21-6-2018

 Revised date:
 16-7-2018

 Accepted date:
 29-7-2018

Please cite this article as: Ding J, Zhou D, Shang S, Pan L, Ya J, Ding Y, Ji X, Meng R, Impact of seasonal variations on the first ischemic events in patients with moyamoya disease, *Clinical Neurology and Neurosurgery* (2018), https://doi.org/10.1016/j.clineuro.2018.07.022

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

## Impact of seasonal variations on the first ischemic events in patients with moyamoya disease

Jiayue Ding, MD<sup>1-3#</sup>, Da Zhou, MD<sup>1-3#</sup>, Shuling Shang, MD<sup>1-4#</sup>, Liqun Pan, MD<sup>1-3</sup>, Jingyuan Ya, MD<sup>1-3</sup>, Yuchuan Ding, MD&PhD<sup>3, 5</sup>, Xunming Ji, MD&PhD<sup>2, 3, 6</sup>, Ran Meng, MD&PhD<sup>1-3\*</sup>

<sup>1</sup> Department of Neurology, Xuanwu Hospital, Capital Medical University, Beijing, 100053, China

<sup>2</sup>. Advanced Center of Stroke, Beijing Institute for Brain Disorders, Beijing, 100053, China

<sup>3</sup>. Department of China-America Institute of Neuroscience, Xuanwu Hospital, Capital Medical University, Beijing, 100053, China

<sup>4</sup>. Department of Neurology, Tangshan Union Medical College Hospital, Tangshan, 063000, China

<sup>5</sup>. Department of Neurosurgery, Wayne State University School of Medicine, Detroit, Michigan, 48201,

USA

<sup>6</sup>. Department of Neurosurgery, Xuanwu Hospital, Capital Medical University, Beijing, 100053, China

\*Co-First authors including JD, DZ and SS contributed equally to this article.

\*Corresponding author to: Ran Meng, Xuanwu Hospital, Capital Medical University, Beijing, 100053, China.

Email: ranmeng2011@pku.org.cn

Tel: +86-10-83199280

Download English Version:

## https://daneshyari.com/en/article/8681620

Download Persian Version:

https://daneshyari.com/article/8681620

Daneshyari.com