Correction to: Cerebral Microvascular Injury in Patients with Left Ventricular Assist Device: a Neuropathological Study

Tracey H. Fan¹ · Sung-Min Cho² · Richard A. Prayson³ · Catherine E. Hassett⁴ · Randall C. Starling⁵ · Ken Uchino⁴

Published online: 19 October 2021

© Springer Science+Business Media, LLC, part of Springer Nature 2021

Correction to: Translational Stroke Research

<https://doi.org/10.1007/s12975-021-00935-z>

In Table 3, which all the numbers listed with percentage, the percentages should be inside a parenthesis as shown below:

The original article has been corrected.

Publisher's Note Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

The original article can be found online at <https://doi.org/10.1007/s12975-021-00935-z>.

✉ Ken Uchino
uchinok@ccf.org

¹ Department of Neurology, Neurological Institute, Cleveland Clinic, Cleveland, OH, USA

² Neurocritical Care Division, Departments of Neurology, Neurosurgery, Anesthesiology and Critical Care Medicine, Johns Hopkins Hospital, Baltimore, MD, USA

³ Department of Anatomic Pathology, Pathology & Laboratory Medicine Institute, Cleveland Clinic, Cleveland, OH, USA

⁴ Cerebrovascular Center, Neurological Institute, Cleveland Clinic, 9500 Euclid Avenue/S80, Cleveland, OH, USA

⁵ Department of Cardiovascular Medicine, Heart, Vascular and Thoracic Institute, Kaufman Center for Heart Failure, Cleveland Clinic, 9500 Euclid Avenue/S80, Cleveland, OH, USA

Table 3 Comparison of Patients with and without Cerebral Microbleeds

Patient characteristics	Patient with CMBs n = 17	Patient without CMBs n = 4	P value
Age, median (IQR)	48 (31–63)	64 (58–69)	0.12
Male, n (%)	13 (76%)	1 (25%)	0.28
Body mass index, median (IQR)	29 (26–33)	24 (23–28)	0.34
Past Medical History, n (%)			
Diabetes mellitus	7 (41%)	1 (25%)	1
Hypertension	9 (53%)	2 (50%)	1
Arrhythmia	11 (65%)	2 (50%)	0.6
Chronic kidney disease	5 (29%)	1 (25%)	1
Pre-LVAD ischemic stroke	0	1 (25%)	0.22
Pre-LVAD hemorrhagic stroke	0	0	NA
LVAD support time, days, median (IQR)	46 (7–239)	612 (337–853)	0.02
LVAD brand- Heartmate II, n (%)	11 (65%)	3 (75%)	1
Complications during LVAD course, n (%)			
Bloodstream or LVAD Infections	9 (53%)	3 (75%)	0.59
Cerebral infarct	5 (29%)	3 (75%)	0.25
Intraparenchymal hemorrhage	3 (17%)	3 (75%)	0.06
Pump thrombosis	1 (6%)	1 (25%)	0.35
Deep vein thrombosis	3 (17%)	0	1
Pulmonary embolism	0	1 (25%)	1
Significant non-intracranial bleeding	7 (41%)	2 (50%)	0.58
Disseminated intravascular coagulation	1 (6%)	0	1

IQR- interquartile range; LVAD, left ventricular assist device