OPEN

Author Correction: Direct measurement of vagal tone in rats does not show correlation to HRV

Joseph T. Marmarstein, Grant A. McCallum & Dominique M. Durand

Correction to: *Scientific Reports*, <https://doi.org/10.1038/s41598-020-79808-8>, published online 13 January 2021.

The original version of this Article contained errors.

In the Results section, subheading “Average vagal activity is increased during inspiration compared to expiration”,

“The vagal/parasympathetic components of HRV are thought to arise from respiratory sinus arrhythmia, whereby inspiration and expiration cause natural changes in heart rate (heart rate typically increases during expiration and decreases during expiration).”

now reads:

“The vagal/parasympathetic components of HRV are thought to arise from respiratory sinus arrhythmia, whereby inspiration and expiration cause natural changes in heart rate (heart rate typically increases during inspiration and decreases during expiration).”

Under the subheading “Respiratory vagal difference can be estimated from the ECG”,

“Under normal conditions, HR increases during expiration and increases during inspiration; this is reversed with isoflurane anesthesia.”

now reads:

“Under normal conditions, HR decreases during expiration and increases during inspiration; this is reversed with isoflurane anesthesia.”

The original Article has been corrected.

Open Access This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit <http://creativecommons.org/licenses/by/4.0/>.

© The Author(s) 2021