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RECEIVED 17 May 2024  
ACCEPTED 21 May 2024  
PUBLISHED 31 May 2024

## CITATION

Patrick EE, Fleeting CR, Patel DR, Casauay JT, Patel A, Shepherd H and Wong JK (2024) Corrigendum: Modeling the volume of tissue activated in deep brain stimulation and its clinical influence: a review. *Front. Hum. Neurosci.* 18:1434402. doi: 10.3389/fnhum.2024.1434402

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# Corrigendum: Modeling the volume of tissue activated in deep brain stimulation and its clinical influence: a review

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## KEYWORDS

volume of tissue activated, VTA, deep brain stimulation, DBS, neuroimaging, probabilistic stimulation atlas, connectivity maps

## A corrigendum on

**Modeling the volume of tissue activated in deep brain stimulation and its clinical influence: a review**

by Patrick, E. E., Fleeting, C. R., Patel, D. R., Casauay, J. T., Patel, A., Shepherd, H., and Wong, J. K. (2024). *Front. Hum. Neurosci.* 18:1333183. doi: 10.3389/fnhum.2024.1333183

In the published article, there was an error in Section 2 **Calculating the VTA**, subsection 2.2.3 Field-axon- pathway activation models, 2<sup>nd</sup> paragraph. The sentence erroneously stated:

“Since multi-compartment axon models are computationally intensive, subsequent work by Howell and McIntyre developed a linear approximation to the multi-compartment axon model that allowed for much faster prediction of FEM-informed pathway-activation models (Howell and McIntyre, 2016).”

The corrected sentence appears below:

“Since multi-compartment axon models are computationally intensive, subsequent work by Howell et al. (2019) developed a linear approximation to the multi-compartment axon model that allowed for much faster prediction of FEM-informed pathway-activation models.”

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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