



*Notice of Retraction*

# Retraction: Intracranial pressure waveform changes in Alzheimer's disease and mild cognitive impairment

Estela Barbosa Ribeiro<sup>1</sup>, Luiza D'Ottaviano Cobos<sup>2</sup>, Nicollas Nunes Rabelo<sup>3</sup>, Gustavo Frigeri<sup>4</sup>, Francisco Assis Carvalho Vale<sup>5</sup>

<sup>1</sup>Department of Nursing, Nursing Postgraduate Program, Federal University of São Carlos, São Carlos, São Paulo, <sup>2</sup>Department of Medicine, UNIFENAS, Alfenas, Minas Gerais, <sup>3</sup>Department of Neurosurgery, Atenas Medical School, Passos, Minas Gerais, <sup>4</sup>Brain4care, São Carlos, São Paulo, <sup>5</sup>Department of Medicine, Nursing Postgraduate Program, Federal University of São Carlos, São Carlos, São Paulo, Brazil.

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The Editors, on behalf of the journal, have retracted this article<sup>1</sup> because following publication, the Editor's were made aware that the author's claims did not appear to be supported by the data presented and the authors were not forthcoming in response to inquiries. Specifically:

The authors claimed a statistically significant relationship between ICP and the presence of Alzheimer's disease, as well as again claiming a statistically significant difference in ICP waveform morphology between healthy patients and those with mild cognitive impairment. This claim was not supported by the evidence presented in the manuscript, and although for several months the authors promised to provide the data, none was ever produced to justify this statement.

One of the authors is the chief medical officer for brain4care, the company that produces the medical device that was used in this investigation. This direct conflict of interest was never disclosed during the publication process. When asked about this by Editors, no response was given.

In addition to these findings, the Editors' review of other articles published by the same group of authors found that the potentially conflicting relationship between themselves and brain4care was rarely if ever disclosed in published manuscripts.

Because of the lack of evidence to support their claims in the manuscript as well as the opaqueness of their response to clarifying questions, the Editors no longer have confidence in the integrity of the data presented and are compelled to retract this paper instead of publishing an erratum.

## REFERENCE

1. Ribeiro EB, D'Ottaviano Cobos L, Rabelo NN, Frigeri G, Carvalho Vale FA. Intracranial pressure waveform changes in Alzheimer's disease and mild cognitive impairment. *Surg Neurol Int* 2021;12. doi: 10.25259/SNI\_48\_2021.

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