

Feb 13 2023

Editor Circulation

Enclosed please find a submission entitled “A Bayesian Perspective - Extracorporeal CPR for Refractory Out-of-Hospital Cardiac Arrest” for your consideration.

This manuscript re-analyses a recent NEJM clinical trial¹ that concluded “extracorporeal CPR and conventional CPR had similar effects on survival”. While the original researchers addressed an important clinical question in the most challenging of research environments and are to be congratulated on their trial design, its execution, and a nuanced discussion, the current submission enhances the quantitative understanding of their data, and allows a full and comprehensive exploitation and updating of past knowledge, much like a meta-analysis.

While this manuscript is original research, it could also be appropriate for the section “Perspectives” as I feel more generally it demonstrates the additional value of a Bayesian perspective for interpreting randomized clinical trials.

Thank you for your consideration.

Yours truly,

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1. Suverein MM, Delnoij TSR, Lorusso R, et al. Early Extracorporeal CPR for Refractory Out-of-Hospital Cardiac Arrest. *New England Journal of Medicine*. 2023;388(4):299-309.