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Response to: In-hospital cardiac arrest: evidence and specificities of perioperative cardiac arrest

James Penketh^{1*} and Jerry P. Nolan^{1,2}

Dear Editor,

We thank De Roux et al. for their interest and comments on our review of in-hospital cardiac arrest [1]. We agree completely that perioperative cardiac arrest has many specific features that make it very different from the circumstances of other causes of in-hospital cardiac arrest. Perioperative cardiac arrests are excluded from some in-hospital cardiac arrest studies for this reason. The epidemiology, treatment and outcome from perioperative cardiac arrest warrant a separate review—we certainly did not have enough space within our review to do justice to the topic. The clinical practice recommendations made by the Perioperative Cardiac Arrest (PERIOPCA) Consortium are potentially helpful [2], as are guidelines published previously by another international group [3, 4]. Unfortunately, it is unlikely that we will ever have highcertainty evidence to inform clinical guidelines on the treatment of perioperative cardiac arrest. Best practice guidance inevitably varies depending on which expert group is providing the advice. Currently, the International Liaison Committee on Resuscitation (ILCOR) has the most comprehensive international representation of any group of resuscitation experts but has yet to review

This comment refers to the article available online at https://doi.org/10.1186/s13054-022-04247-y.

This reply refers to the comment available online at https://doi.org/10.1186/s13054-022-04300-w.

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the science and publish treatment recommendations on perioperative cardiac arrest. The Advanced Life Support Task Force of ILCOR may review this topic in the future and may be informed partly by the findings of the Royal College of Anaesthetists 7th National Audit Project (NAP7) [5]. The NAP7 steering group has reviewed all perioperative cardiac arrests occurring in UK hospitals over a 1-year period and will report its findings in a series of papers in 2023.

Acknowledgements

None

Author contributions

Both authors collaborated in manuscript drafting and reviewed the final draft of the manuscript.

Funding

None.

Availability of data and materials

Not applicable.

Declarations

Ethics approval and consent to participate

Not applicable.

Consent for publication

Not applicable.

Competing interests

James Penketh declares no competing interests. Jerry P. Nolan receives payment from Elsevier (Editor-in-Chief of Resuscitation) and is a Board member of European Resuscitation Council and the International Liaison Committee on Resuscitation and a member of the NAP7 Steering Group.



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Received: 4 January 2023 Accepted: 8 January 2023 Published online: 17 January 2023

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