LETTER TO EDITOR



Reply from Vasadava et al. to the Letter to Editor by M. A. C. Onuigbo

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We thank the authors for a very nice critical appraisal of our article.

The author rightly pointed out that duration of hypotension may have an effect on subsequent acute kidney injury.

We took intraoperative hypotension as a categorical factor in our evaluation as per the definition mentioned in the article.

Intraoperative hypotension was associated with acute kidney injury in univariate analysis.

The problem of evaluating a relationship between intraoperative hypotension and acute kidney injury is the lack of consensus regarding the standard definition in the literature.

As studied by Lehman et al. [1] and Izawa et al. [2], hypotension and acute kidney injury have a very complex association; here not only duration is important but also is severity, and severe hypotension of shorter duration can be associated with acute kidney injury. As determined by tang et al., even 10 min of hypotension can be associated with postoperative acute kidney injury. [3]. So unless the relationship between acute kidney injury, severity and duration of hypotension, and cumulative hypotension is more refined in the case of intraoperative hypotension, it is very difficult to define intraoperative hypotension with a cutoff duration. But, we agree that we need to study in further analysis the correlation between duration of intraoperative hypotension and postoperative acute kidney injury.

References

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