Author’s response to reviews

Title: The Effects Of Desflurane And Sevoflurane On Nesfatin1 Levels In Laparoscopic Cholecystectomy

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Reviewer reports:

(Reviewer 1): 
Instead of writing "The major findings of this study indicate that two different volatile anesthetics, desflurane and sevoflurane, do not differ with respect to their effects on nesfatin levels. In both groups, there was no significant difference between the preoperative and postoperative nesfatin-1 measurements." It is corrected.

I would suggest: "The major finding of this study is, that nesfatin-1 levels are unaffected by laparoscopic cholecystectomy and remain unchanged by sevoflurane and desflurane". It is corrected.

(Reviewer 2): I would like to congratulate the authors for improving the manuscript after the previous revision.

I still have have a few comments:
Abstract

P2158: "nesfatin levels were similar compared to baseline levels (p=0.131)". Is baseline the preoperative level? If so, consider revising as: "the preoperative levels of nesfatin were similar in the two groups".

As you mentioned it is corrected according to the table 2. We changed these sentences ‘Nesfatin levels were similar compared to baseline levels (p=0.131). The incremental effect of both agents on nesfatin levels was found to be similar (p=0.900).’ as;

‘the preoperative levels of nesfatin were similar in the two groups (p=0.715). In desflurane group, post-operative nesfatin levels were similar compared to preoperative levels (p=0.073). In sevoflurane group, post-operative nesfatin levels were similar (p=0.131). The nesfatin levels (postoperative vs preoperative) were similar between the groups (p=0.900).’

P2159: if baseline = preoperative, the P-value is not the same reported in the table 2 (p=0.715). consider revision.

It is corrected.

P315: "different volatile anesthetics". You tested only two specific anesthetic agents. Consider revising as "affected by the use of sevoflurane or desflurane in patients undergoing laparoscopic cholecystectomy"

It is corrected.

Background

P4115: consider reformulating or eliminating "based on postoperative surgical stress response" since the sentence is not clear.

It is corrected.

Results

P10112: increase -> variation (since your tests are not statistically significant, there is no increase). It is corrected.

P10129: nesfatin -> Nesfatin It is corrected.

P10130: levels in postoperative compare to preop -> postoperative levels compared to preoperative levels It is corrected.

P10132: more over -> moreover It is corrected.

P1111: operation time -> the duration of surgery It is corrected.
Discussion

P12l40: Signalization -> signaling It is corrected.

Conclusion

P14l56: as in abstract, you tested only two specific anesthetic agents. Consider revising as "affected by the use of sevoflurane or desflurane in patients undergoing laparoscopic cholecystectomy" It is corrected.

P14l56: "related to surgical response": consider reformulating or eliminating for a better understanding. It is corrected.