Author's response to reviews

Title: Continuous spinal anaesthesia versus ultrasound-guided combined psoas compartment-sciatic nerve block for hip replacement surgery in elderly high-risk patients: A prospective randomised study

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Author's response to reviews: see over
Dear Editor,

We have received an e-mail including the comments of the reviewers about our manuscript entitled “Continuous spinal anaesthesia versus ultrasound-guided combined psoas compartment-sciatic nerve block for hip replacement surgery in elderly high-risk patients: A prospective randomised study”. All corrections in attached file were written as red type throughout the manuscript including references.

**Reviewer 1**
- Data on baseline LVEF was added to table 1. But medications were not available. The Charlson index was calculated and presented in Table 1. Reference 17 was added. Also, few sentences were added (second paragraph in results section, line 1-3 and first paragraph in discussion section, line 4-8).

**Reviewer 2**
1. The information about sciatic nerve block was added to abstract section.
2. The anesthetic solution was described correctly (in Abstract, line 11-15 and methods section, line 7-9).
3. The beginning and ending dates of study were corrected (Methods section, first paragraph, line 21-22).
4. Our study population was consisted of elderly high risk patients and we used USG with stimulator to confirm the nerves. Similar to our study, Vis me et al. (Reference 8) injected anesthetic solution when muscle contractions were obtained with a current of 0.5 to 0.8 mA at a frequency of 1 Hz.
5. In table 1, additional diseases were showed as n (%).
6. The importance of this study was stated in the last paragraph of Discussion.
7. In discussion part, the sentence at the end of the first paragraph was corrected.
8. The high median level of sensory block in the CSA group was discussed for the reason of hypotension occurred in CSA group and more ephedrine treatment needed in this group (Discussion section, fourth paragraph, line 12-15).

**Reviewer 3**
Comment 1. The end date of recruitment was corrected (Methods section, first paragraph, line 21-22).

Comment 2. In the CSA group, morphine of 200 µg was administered through the subarachnoid catheter at the end of surgery for postoperative analgesia. In the PCSNB group, morphine (0.1 mg/kg, subcutaneously) was administered to the patients at the end
of surgery to provide postoperative analgesia. So, the number of patients requiring rescue anesthesia in the first postop day was higher in the PCSNB group.

Comment 3. Total bupivacaine consumption (mg) in CSA group was added to Table 1.

Thank you for your kind consideration.

Sincerely yours.

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