Author's response to reviews

Title: Required propofol dose for anesthesia and time to emerge are affected by the use of antiepileptics

Authors:

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Version: 2
Date: 7 November 2014

Author's response to reviews: see over
Dear Dr. Jean Guglielminotti,

Thank you for reviewing our article. In accordance with your comments, I have made revisions as follows.

**MAJOR COMPULSORY REVISIONS**
1) We agree that “required propofol dose” is for anesthesia. In accordance with this comment, I have made revisions.
2) In accordance with this comment, I revised the Discussion to include comments about the interaction with lidocaine.
3) Although the reviewer recommends the term “sedation”, our patients were placed under “general anesthesia”, which is defined by the BIS: 30-50.
4) The design of the study is a prospective cohort study. In accordance with this comment, I revised the Introduction to clarify this point.
5) Details of the antiepileptic taken by the patients are shown in Table 3. I have also added information and revisions to the Discussion.

**MINOR COMPULSORY REVISIONS**
1) In accordance with this comment, I made the revision.
2) We studied 224 patients. I made the revision.
3) “Treatment time” refers to the duration of the dental procedure. In accordance with the comment, I made the revision.
4) For anesthesia of patients with neurological disorders, measuring height is not required. Weight measurement is required for propofol TCI, and the required propofol was administered according to weight in this study.
5) In accordance with the comment, I made the revision.
6) In accordance with the comment, I made the revision.
Dear Dr. Bruno Laviolle,

Thank you for reviewing our article. Our responses to your comments are shown below.

Major comments
1) We have modified our statistical analysis to simultaneously explore the effect of the type of neurological disorder and the effect of using or not using antiepileptic drugs. In accordance with the comment, I made the revision.

2) Antiepileptic drugs: Details of the antiepileptics taken by the patients are shown in Table 3. I have added additional discussion and made revisions.

3) Discussion about the inhibitory effect of antiepileptic drugs: In accordance with this comment, I made revisions.

Minor comments
4) Abstract: In accordance with the comment, I made revisions.
5) Figures: In accordance with the comment, I made revisions.
6) Discussion section: In accordance with the comment, I made revisions.

I look forward to publication of our article. Thank you for the review.

Sincerely,