

In Response

To the Editor:

We thank Dr X. Cai and colleagues for their interest in our work and knowledgeable comments on our study (1). In this regard, we wish to clarify a few points of our study.

The first comment of the authors regarding the use of fixed doses of the studied drugs has already been addressed in the limitations of our study. Our conclusions are referring to these doses and we stated that “we cannot exclude that different doses might be more beneficial”. We designed our study to achieve a statistical power of 0.80 as described in the statistical analysis. The studies investigating different doses of these drugs (2-11), apart from the study of Bryson et al (6), are referring to different type of surgeries and settings. It is not surprising -as the authors of the letter to editor have also noted- that the findings of the above studies are not consistent. This is expected not only due to the different doses/infusion rates and types of surgery/pain mechanisms, but also as the methodology and study design varied among those studies. Therefore, we believe that the mini meta-analysis of these data would not give a result that can be easily generalised to all surgical populations.

Regarding the second comment of the authors that we excluded patients with known central nervous system or psychiatric disease, but we failed to provide the baseline of pain and cognitive function of the cohort, we believe that this has also been addressed. In our study we included only ASA I and ASA II patients and we had several exclusion criteria in order to minimize the impact of any factors that would influence postoperative pain or analgesic consumption and thus to min-

imize possible bias. Specifically, patients with chronic use of opioids or other analgesics were excluded from the study. Additionally, patients with communication difficulties or inability to comprehend and cooperate were also excluded. Therefore, patients suffering from chronic pain or patients with cognitive dysfunction were actually excluded from the study, according to the abovementioned exclusion criteria.

Regarding the need for further research, we agree; in the conclusion of our paper, we recommended that further studies should be conducted to assess the safety and efficacy of different doses and possibly a combination of the two drugs. Additionally, we suggest that studies assessing other parameters such as cognitive function at baseline and including patients with preoperative pain would be helpful.

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