Reviewer’s report

Title: Surgical anesthesia with a combination of ultrasound guided T12 paravertebral block and lumbar plexus, sacral plexus block for hip replacement in ankylosing spondylitis: CARE-compliant 4 case reports

Version: 0 Date: 26 Mar 2017

Reviewer: Jiabin Liu

Reviewer's report:

I would like to applause the authors in reporting these serials of 4 cases with interesting additional views in achieving surgical anesthesia for THA coverage. I have successfully conducted lumbar plexus and parasacral block for surgical anesthesia among THA patients. However, I did need to supplement with deep sedation with proximal coverage occasionally. Therefore, I found the authors argument of T12 PVB is of very interesting value. However, I have several comments for the authors to address:

1. The authors used the term of sacral plexus throughout the manuscript, but the method described by Taha focuses on sciatic nerve block. Could the author clarify the term, with comments on the coverage on superior and inferior gluteal nerve?

2. The authors used 40ml of local for the lumbar plexus, which is on the higher volume range. Have the authors observed any epidural spread?

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.
Not relevant to this manuscript

Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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