Reviewer’s report

Title: Comparisons of three anterior cervical surgeries in treating cervical spondylotic myelopathy

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Reviewer: Angelica gattamelata

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The authors performed a comparison among different procedures to treat cervical spondylotic myelopathy (Anterior cervical discectomy and fusion (ACDF); dynamic cervical implant (DCI) and cervical total disc replacement (CTDR)). The retrospective analysis was performed on 91 patients.

No statistical differences were recorded in terms of operation time, intraoperative blood loss, and JOA recovery rate. However, a significant difference between the 3 evaluated procedures was registered on postoperative JOA scores and preoperative JOA scores.

The cervical spondylotic myelopathy is a complication of cervical osteoarthritis, a frequent condition in general population. The comparison between three different procedures is interesting, because the paper allows the evaluation of advantages and disadvantages and give details to several parameters, such as pre-operative and post-operative course.

The paper need of a revision of text, particularly regarding the punctuation.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Needs some language corrections before being published

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests.