

## **List of Responses**

### **Dear Editor and Reviewers:**

Thank you for your letter and reviewers' comments concerning our manuscript entitled "Lumbar Disc Rehydration in the Bridged Segment using BioFlex Dynamic Stabilization System: A case report and review of the literature" (No. 50954). Those comments are all valuable and very helpful for revising and improving our paper. We have made correction according to the comments. Revised portion are marked in red in the paper. The main corrections in the paper and the responds to the reviewer's comments are as flowing:

### **Responds to the reviewer's comments:**

**Reviewer #1:** It is a good case study.

**Response:** Thank you for your comment!

**Reviewer #2:** the paper: Lumbar Disc Rehydration in the Bridged Segment using BioFlex Dynamic Stabilization System: A case report and review of the literature is well written. There is risk of bias by industry influence and that may need to be more clear by the authors as there is a specific company name and manufacturer. The case is not enough evidence, that need to be clear in abstract and title and discussion that there maybe improved hydration of the disc with this procedure, but there is no enough evidence.

**Response:** Yes, we agree with you, and we have added information to the title, abstract, and discussion to show that there is not enough evidence that the BioFlex Dynamic Stabilization System can cause rehydration of the disc. At the same time, the risk of bias by industry influence is also illustrated in the discussion section of this paper. The manuscript has been polished by a native English speaker.

We would be grateful if it could be further reviewed. I am looking forward to your further advice and comments from reviewers to make the paper more scientific.

Yours sincerely

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