

**We thank the reviewers for their valuable comments and constructive suggestions.**

**Here we have provided point-to-point responses to the reviewers' comments. All changes have been highlighted in light yellow and underlined in the revised manuscript. The reviewers' critiques are in blue, and our responses are presented in black.**

***Responses to Reviewer #1***

**I think this paper is very interesting topic. It is a well-designed paper. This study using MRI imaging could be of significant interest to the field. Authors hypothesized that the acromioclavicular joint cross-sectional area (ACJCSA) are important morphologic parameters in the prediction of acromioclavicular joint osteoarthritis (ACJO). In this manuscript, the author developed one new method for diagnosing ACJO with the ACJCSA. The data strongly supported the conclusion and the discussion is very reasonable.**

**Ans) I sincerely appreciate your good comments.**

**There are a few of grammar and spelling errors in English. The English language must be revised.**

Ans) The revised manuscript was proofread and edited by the professional English editors.

Thank you so much.

**I think manuscript type is retrospective study. Please include a statement in the revised manuscript covering informed consent statement and data sharing statement.**

Ans) Thank you for valuable suggestions. We revised the manuscript as you recommended.

And, we provided the correct ethics related documents including Institutional Review Board Approval Form. Thank you.

### ***Responses to Reviewer #2***

**Manuscript ID: 69312 describes a new measurement criterion for a better diagnosis of ACJO. While both ACJCSA and ACJSW analyses were correlated to ACJO, the**

authors suggest evaluating ACJCSA rather than ACJSW since it provides more accurate information regarding AC joint osteoarthritis. As the authors have mentioned in their discussion section, the number of patients involved in this study is rather few. However, this manuscript provides very useful information and could be potentially used by the majority of clinicians.

**Ans)** We sincerely appreciate your good comments.

**Thanks again for reviewing our manuscript and giving us your consideration. We hope that our paper is able to meet the World Journal of Clinical Cases.**

**Sincerely yours**