Author's response to reviews

Title: The biomechanical differences of rotational acetabular osteotomy, Chiari osteotomy and shelf procedure in developmental dysplasia of hip

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Version: 4 Date: 29 January 2014

Author's response to reviews: see over
Dr. Atul Kamath, Editor  
BMC Musculoskeletal Disorders  

Wednesday, January 29, 2014  

Dear Dr. Kamath:  

We would like to re-submit this manuscript entitled “The biomechanical differences of rotational acetabular osteotomy, chiari osteotomy and shelf procedure in developmental dysplasia of hip” for consideration for publication in BMC Musculoskeletal Disorders. We have revised our manuscript according to the reviewers’ comments. Figures were checked thoroughly, and Figure 3(e) was replaced with the right one. There were no other changes in the revised manuscript. The responses for the reviewers’ comments are listed in detail below.

Thank you in advance for your time and consideration.

Sincerely,

Ming Fu, M.D.
Director, Joint Surgery
Professor, Department of Orthopaedic Surgery
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**Introduction**

We have revised our manuscript according to the reviewers’ comments. We have checked the figures thoroughly, and Figure 3(e) was replaced with the right one. The responses for the reviewers’ comments are listed in detail below.

**Reviewer #1:**

Minor Essential Revisions

1) Figure 3(e) There are no differences between fig.d and fig.e. Fig.e showed post operative state after shelf operation in the right hip. Fig.f showed Chiari and RAO. Check the figures thoroughly

*Author Response:*

We appreciate the reviewer’s remind, we did made a mistake when editing the figures in the last revision. In the last cover letter, we used the X-ray pictures (Supplemental Figure 2) to showed CE angles after shelf operation (a), Chiari osteotomy (b) and rotational acetabular osteotomy (c). In this revision, we have replaced Figure 3(e) with the right one which showed post-operative state after Chiari osteotomy, just as Supplemental Figure 2 (b). And we have also checked the other figures thoroughly and have made sure that there are no other similar errors.

**Reviewer #2:**

The paper has been much improved and is now acceptable in my view.

*Author Response:*

Thanks for the critically review of our manuscript.

Supplemental Figure 2  The X-ray pictures after shelf procedure (a), Chiari osteotomy (b) and rotational acetabular osteotomy (c) showed that CE angles were all greater than 20 degrees.
Figure 3. The three different treatment options for DDH: a-c were the appearance of specimen after shelf procedure (a), Chiari osteotomy (b) and RAO (c); d-f were the X-ray pictures after shelf procedure (d), Chiari osteotomy (e) and RAO (f), and CE angles after every osteotomy were all greater than 20 degrees.