Author's response to reviews

Title: Biomechanical optimization of different fixation modes for a proximal femoral L-osteotomy

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Title: Biomechanical optimization of different fixation modes for a proximal femoral L-osteotomy

Dear Editor-in-Chief,

Thank you for your letter on August 24, 2009.

We appreciate very much your editorial work on our manuscript. It is a great pleasure for us to revise it in accordance with the concerns and comments. Certain changes and modifications have been made and marked in bold type in the revised manuscript. We hope that with these changes our manuscript will meet the criteria for publication in *BMC Musculoskeletal Disorders*. We thank you again and look forward to hearing from you soon.

The following statements are the authors’ response to the concerns mentioned in the letter.

**Response for editorial requests:**

1. The authors declare that we have obtained the written consent from the patient to undergo the present research. These include all the measurements and clinical photographs to be published in *BMC Musculoskeletal Disorders*. The consent letter written in both Chinese and English is attached in the last page.

2. A statement “Written consent for publication was obtained from the patient” had been added in the Acknowledgements section. *(Page 17, Line 11)*

**Response for reviewer #1 (Dr. Susan Renner):**

Thank you for your review work. Our response to your comments is as follows:

1. We thank you very much for pointing out the mistake that figure 4 and figure 5 are reversed. The figure order for these two figures had been corrected in the revised manuscript.

2. As your suggestion, a description “The numbers represent the x, y and z components of the applied loadings” had been added in the caption in Figure 5.
Response for reviewer #2 (Dr. Kent Bachus):

Thank you for your review work. Our response to your comments is as follows:

1. In the present study, the femoral head center was determined by fit circle method within Solidwork software.

2. The location of the femoral head center was defined as the midpoint of the intersected line between the two points with the largest distance of the contour of the femoral head. In Solidwork software, a circle with a diameter approximate to the largest distance of the contour of the femoral head was created, the created circle was then moved to fit the two points with the largest distance of the contour of the femoral head. The location of the center of the created circle was defined as the femoral head center to proceed with the subsequent analysis.

3. The above statement had been added within the Method section in the revised manuscript. (Page 7, Line 23)

Sincerely,

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同
意
書

本人同意提供個人之就診相關資料予主治醫師李炫昇教授做為臨床研究之用。

特此聲明

蘇冬菊

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聯絡電話：886-3-3298865

Consent Letter

I agree to provide my personal clinical information to Dr. Mel S. Lee for his basic research. These include all the measurements and my clinical photographs to be published in scientific journals.

Su Toon-Ju

Patient’s ID: 2200968
Address: No. 194, Kwan-Ming St., Fong-Su Village, Kweishan, Taoyuan, Taiwan
Tel number: 886-3-3298865