

Corrigendum: Comparative Analysis of the Biomechanics Characteristics After Different Minimally Invasive Surgeries for Cervical Spondylopathy: A Finite Element Analysis

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A Corrigendum on

Comparative Analysis of the Biomechanical Characteristics After Different Minimally Invasive Surgeries for Cervical Spondylopathy: A Finite Element Analysis

by He, T., Zhang, J., Yu, T., Wu, J., Yuan, T., Liu, R., Yun, Z., Du, H., Qi, L., An, J., Xue, W., Nie, X., and Liu, Q. (2021). Front. Bioeng. Biotechnol. 9:772853. doi:10.3389/fbioe.2021.772853

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He T, Zhang J, Yu T, Wu J, Yuan T, Liu R, Yun Z, Du H, Qi L, An J, Xue W, Nie X and Liu Q (2022) Corrigendum: Comparative Analysis of the Biomechanics Characteristics After Different Minimally Invasive Surgeries for Cervical Spondylopathy: A Finite Element Analysis. Front. Bioeng. Biotechnol. 10:843486. doi: 10.3389/fbioe.2022.843486 In the original article, there was a mistake in **Figures 1**, **6**, 7 as published. In **Figure 1**, the tagging of the "annulus ground" and "nucleus pulposus" labels was mistakenly reversed. In **Figure 6**, the most lateral column in the histogram of C67 AFP (for Annulus fibrosus pressure in **Figure 6B**), is redundant and this column should be deleted. In **Figure 7**, in the histogram of C67 Facet joint CPRESS in **Figure 7A**, the columns of ATC-ECD and ATd-ECD were mistakenly reversed. The corrected **Figures 1**, **6**, 7 appear below.

Additionally, in the **Results** section, subsection **Model Validation**, the citation **Lee et al.**, **2011** is incorrect and should be written as Lee et al., 2016. The full reference details for Lee et al., 2016 have been included below.

In the **Results** section, subsection **AFP and IDP**, paragraph 1, the term "lateral axial rotation" has been corrected to "left axial rotation." Lastly, in the **Results** section, subsection **FJs and UJs CPRESS**, paragraph 1, UJs CPRESS decreased by 53.47% during extension and not during flexion, as originally published. These have been corrected in the main text.

The authors apologize for these errors and state that they does not change the scientific conclusions of the article in any way. The original article has been updated.

REFERENCES

Lee, J. H., Park, W. M., Kim, Y. H., and Jahng, T.-A. (2016). A Biomechanical Analysis of an Artificial Disc with a Shock-Absorbing Core Property by Using Whole-Cervical Spine Finite Element Analysis. Spine 41, E893–E901. doi:10.1097/BRS. 000000000001468

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FIGURE 6 | The AFP and IDP of C4–C5, C5–C6, C6–C7 in intact model and surgical models. (A) Intradiscal pressure; (B) Annulus fibrosus pressure. FLE, flexion; EXT, extension; LLB, left lateral bending; RLB, right lateral bending; LAR, left axial rotation; RAR, right axial rotation.

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LAR, left axial rotation; RAR, right axial rotation.