Corrigendum

Corrigendum to "Calculation of impingement-free combined cup and stem alignments based on the patient-specific pelvic tilt" [J. Biomech. 82 (2019) 193–203]

Juliana Hsu *, Matias de la Fuente, Klaus Radermacher

Chair of Medical Engineering, RWTH Aachen University, Aachen, Germany

The authors regret a typing error in Eq. (10). The correct form is as follows:

$$R_{\text{neck2femur}} = R_Z(\phi_{\text{stemFlex}}) \cdot R_Y(-\phi_{\text{antetorsion}}) \cdot R_X(-(180° - \phi_{\text{CCD}} - \phi_{\text{stemAdd}}))$$

The example in the Supplementary Materials uses the same equation and should be corrected to:

$$R_{\text{neck2femur}} = R_Z(3) \cdot R_Y(-15) \cdot R_X(-(180 - 130 - 5))$$

All results in the article and in the Supplementary Materials are calculated using the correct form. The authors would like to thank Kazutaka So from Osaka Red Cross Hospital, Department of Orthopaedic Surgery who helped us finding this typing error.

The authors would like to apologise for any inconvenience caused.