



## Corrigendum

## Corrigendum to “The development and validation of a custom built device for assessing frontal knee joint laxity” [The Knee 24 (2017) 1307–1316]



Shiek Abdullah Ismail<sup>a,\*</sup>, Milena Simic<sup>a</sup>, Jillian L. Clarke<sup>b</sup>,  
Thiago Jambo Alves Lopes<sup>a,c</sup>, Evangelos Pappas<sup>a</sup>

<sup>a</sup> Discipline of Physiotherapy, Faculty of Health Sciences, The University of Sydney, Sydney, Australia

<sup>b</sup> Discipline of Medical Radiation Sciences, Faculty of Health Sciences, The University of Sydney, Sydney, Australia

<sup>c</sup> Research Laboratory of Exercise Science, CEFAN, Brazilian Navy, Rio de Janeiro, Brazil

The authors regret the following errors in the abstract, results, figure(s), discussion and conclusion section of this paper should appear as follows:

- Abstract, Results, Page 1307: “The *KLICP* has a significant positive fair to moderate correlation to the RTU at the left (r: 0.61, p: 0.01) and right (r: 0.48, p: 0.02) knee in the valgus direction but **no correlation at the left (r: 0.17, p: 0.45) and right (r: 0.10, p: 0.64) knee in the varus direction.**”
- Results, 4.2 Validity, Page 1312: The *KLICP* has a significant positive fair to moderate correlation to the RTU at the left (r: 0.61, p: 0.01) and right (r: 0.48, p: 0.02) knee in the valgus direction (Table 3) but **no correlation at the left (r: 0.17, p: 0.45) and right (r: 0.10, p: 0.64) knee in the varus direction** (Table 3).
- Table 3, Page 1313;

Test limb & angulation direction	Rater A & B (Session1)			Pearson correlation	
	ICC (95%CI)	SEM	MDD	R	p value
Left knee varus	0.79 (0.58, 0.90)	3.09	8.56	<b>0.17</b>	<b>0.45</b>
Left knee valgus	0.75 (0.50, 0.88)	3.05	8.46	0.61	0.01*
Right knee varus	0.79 (0.56, 0.90)	2.83	7.84	<b>0.10</b>	<b>0.64</b>
Right knee valgus	0.80 (0.60, 0.91)	2.69	7.46	0.48	0.02*

DOI of original article: <https://doi.org/10.1016/j.knee.2017.08.053>.

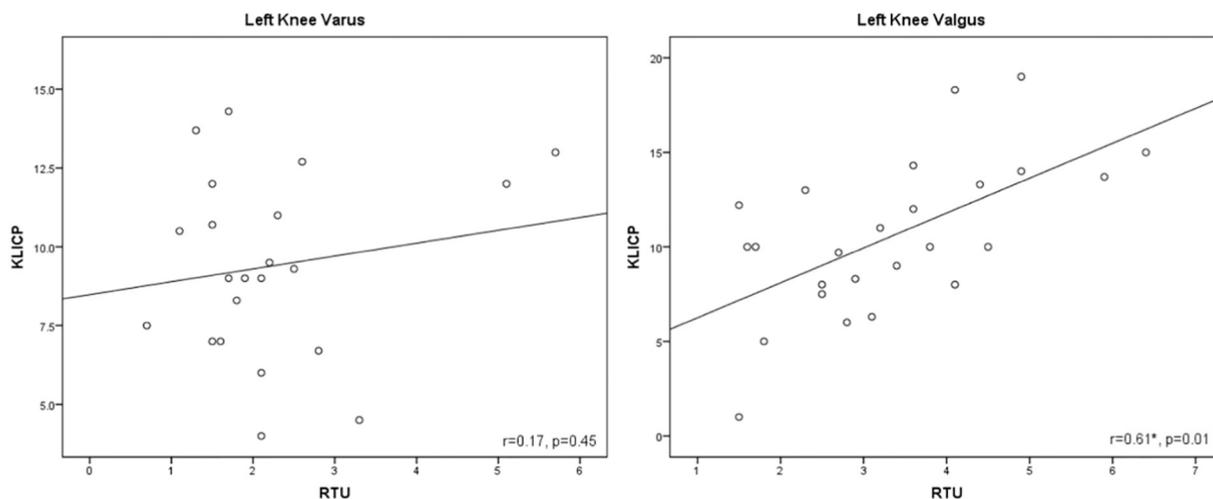
\* Corresponding author at: Discipline of Physiotherapy, Faculty of Health Sciences, The University of Sydney, Cumberland Campus C42, 75 East Street, Lidcombe, NSW, 2141, Australia.

E-mail address: [shie1497@uni.sydney.edu.au](mailto:shie1497@uni.sydney.edu.au) (S.A. Ismail).

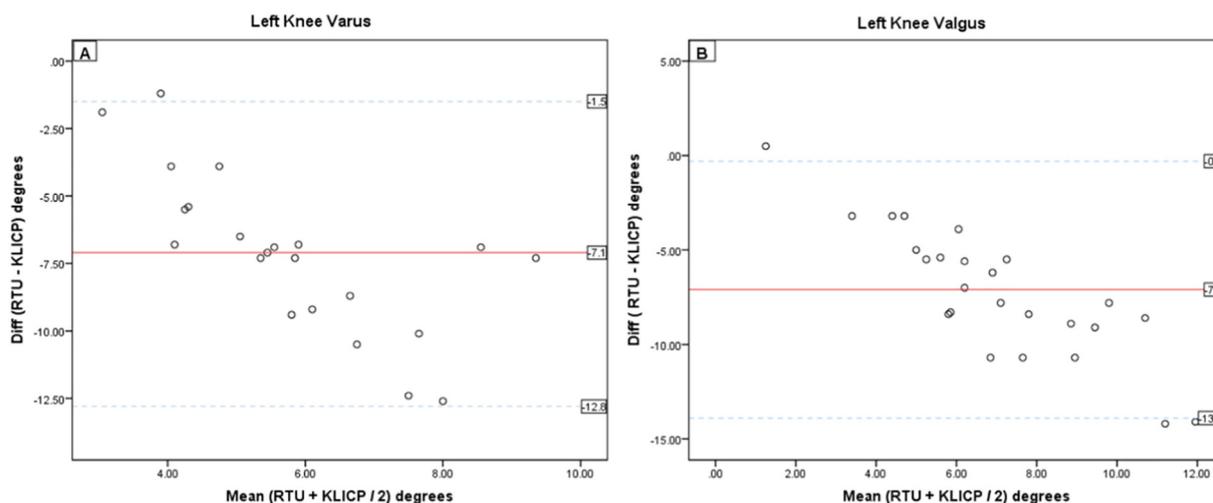
<https://doi.org/10.1016/j.knee.2019.03.001>

0968-0160/© 2019 Elsevier B.V. All rights reserved.

- **Figure 3**, Page 1310: Pearson's Correlation plot: Comparison between *KLICP* and RTU for the left knee in varus and valgus direction



- **Figure 5**, Page 1314: Figure 5-A Shows the Bland–Altman plot for the difference between the *KLICP* and the RTU plotted against the mean value of both devices for each participant for left knee varus direction. Figure 5-B Shows the Bland–Altman plot for the difference between the *KLICP* and the RTU plotted against the mean value of both devices for each participant for left knee valgus direction.



- Discussion, Page 1313, 1st Paragraph; “Whereas its validity analysis showed that **the *KLICP* achieved a fair to moderate correlation to the RTU measurement in the valgus direction but no correlation in the varus direction.**”
- Discussion, Page 1313, 4th paragraph: “**The validity test demonstrated that the *KLICP* only achieved no to moderate correlation to the RTU measurement, however it was better in the valgus than the varus direction.** The results also showed that the *KLICP* has a poor agreement with the RTU. **This indicated that although there is a correlation in the valgus direction, the *KLICP* at this junction has not yet achieved a standard where it can be used as a valid alternative to a RTU.**”
- Conclusion, Page 1315; “In conclusion, the results of this study suggest that **with further refinement**, the *KLICP* may have the potential to be used to quantify knee joint frontal plane laxity.
- Conclusion, Page 1315; **Since the *KLICP* only achieved a positive with no to moderate correlation to the US measurements and has low agreement with the RTU, it is not recommended to be used as a substitute for more sensitive imaging methods.**”

The authors would like to apologise for any inconvenience caused.