

Erratum to “Discrepancy in Specular Microscopy-Measured Central Corneal Thickness Between Both Eyes of a Patient” [Shimane J. Med. Sci., Vol.33 pp.9-15, 2016]

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After the publication of above-mentioned article, the authors realized that the description in the Discussion section is not fully correct, therefore the authors require to replace the original sentences (page13, left column, line30-38) with corrected sentences.

Original:

“However, based on the information provided by the manufacturers, the light source is placed on the right side of the subjects in all three specular microscopy devices tested. Accordingly, laterality of the light path does not explain the mechanism of thicker/thinner side of CCTs changes in each model of specular microscopy, and therefore, the mechanism still needs to be clarified in the future.”

Correction:

“Based on the information provided by the manufacturers, the light source is placed on the left side of the subjects in the Tomey EM-3000 instrument and on the right side of the subjects in the Topcon SP-3000P and Konan NSP-9900 devices, which explains the mechanisms of the thicker or thinner CCT changes among the models (Table2). Among them, the difference in the 164 CCTs between both eyes was the largest (8.3 μm) with the EM-3000 (Table 2). The difference in the incident angle or conversion coefficients may explain this discrepancy.”

Table 2. Central Corneal Thickness in Study 1

CCT (μm)	Devices			P Value
	Tomey EM-3000 (n=309)	Topcon SP-3000P (n=200)	Konan NSP-9900 (n=170)	
Right eye				
Mean \pm SD	530.1 \pm 36.6	511.2 \pm 32.9	557.4 \pm 38.9	<0.0001*
Range	400 - 636	420 - 588	456 - 651	
		<i>P</i> <0.0001 vs. Tomey†	<i>P</i> <0.0001 vs. Tomey† <i>P</i> <0.0001 vs. Topcon†	
Left eye				
Mean \pm SD	521.9 \pm 35.9	513.1 \pm 31.9	560.8 \pm 40.4	<0.0001*
Range	383 - 631	433 - 606	453 - 671	
		<i>P</i> =0.0275 vs. Tomey†	<i>P</i> <0.0001 vs. Tomey† <i>P</i> <0.0001 vs. Topcon†	
Right eye - Left eye				
Mean \pm SD	+8.3 \pm 17.0	-1.9 \pm 15.1	-3.5 \pm 22.1	
Range	-97 - +92	-41 - +60	-78 - +64	
R vs. L	<i>P</i> <0.0001‡	<i>P</i> =0.0833‡	<i>P</i> =0.0424‡	

†P values are calculated by one-way analysis of variance () followed by Scheffe's post hoc test (†) among three devices in each right and left eye.

‡P values are calculated by the paired t-test between right and left eyes in each device.

CCT, central corneal thickness; SD, standard deviation; R, right; L, left.