

Table 2. The four study parameters compared among the two study groups and the control group.

Parameters	Dysplasia			Pincer			Control			p value, overall		
	Iliocapsularis	Rectus	Ratio	Iliocapsularis	Rectus	Ratio	Iliocapsularis	Rectus	Ratio	Iliocapsularis	Rectus	Ratio
Cross-sectional area (cm ²)	2.07 ± 0.99 (0.64-2.74)*,†	1.65 ± 0.70 (0.68-3.71)†	1.34 ± 0.63 (0.50-3.37)†,§	1.48 ± 0.48 (0.41-2.23)*,§	2.16 ± 0.68 (0.92-3.95)§	0.71 ± 0.20 (0.40-1.08)§	1.92 ± 0.77 (0.60-4.25)	1.83 ± 0.81 (0.67-3.57)	1.11 ± 0.32 (0.61-1.88)	<0.001	<0.001	<0.001
Thickness (cm)	1.66 ± 0.52 (0.66-2.70)*,†,§	1.31 ± 0.33 (0.72-2.17)†	1.31 ± 0.45 (0.57-2.43)†,§	1.29 ± 0.23 (0.79-2.31)*	1.47 ± 0.39 (0.76-2.65)	0.90 ± 0.19 (0.62-1.49)§	1.42 ± 0.37 (0.69-2.06)	1.36 ± 0.37 (0.72-2.34)	1.08 ± 0.28 (0.68-1.74)	<0.001	<0.001	<0.001
Width (cm)	2.34 ± 0.57 (1.36-3.43)*,†,§	1.88 ± 0.52 (0.90-3.48)†	1.32 ± 0.45 (0.68-2.61)†,§	1.85 ± 0.33 (0.91-2.43)*,§	2.21 ± 0.36 (1.34-3.04)§	0.85 ± 0.17 (0.52-1.26)§	2.05 ± 0.48 (1.17-3.25)	1.91 ± 0.49 (1.05-3.24)	1.10 ± 0.20 (0.79-1.53)	<0.001	<0.001	<0.001
Circumference (cm)	6.85 ± 1.81 (3.28-11.30)*,†,§	5.22 ± 1.18 (3.32-8.88)†	1.35 ± 0.39 (0.69-2.38)†,§	5.28 ± 0.95 (2.85-6.99)*,§	5.96 ± 0.93 (3.94-7.92)§	0.89 ± 0.15 (0.64-1.28)§	5.93 ± 1.18 (3.06-8.00)*	5.23 ± 1.12 (3.02-8.02)	1.15 ± 0.20 (0.81-1.76)	<0.001	0.004	<0.001

Iliocapsularis = iliocapsularis muscle; Rectus = rectus femoris muscle; Ratio = ratio of iliocapsularis muscle to rectus femoris muscle; values are expressed as mean ± standard deviation and range in parentheses; *significant difference compared to M. rectus femoris (p< 0.05); †significant difference compared to Pincer Group (p< 0.05); §significant difference compared to control group (p< 0.05).