

Additional file 5

Expiratory muscle thickness for study cohort and subdivided based on changes in expiratory muscle thickness in first 4 days

	Overall study population (<i>n</i> = 34)	>10% decrease	≤ 10% change	>10% increase	<i>P</i> Value
Baseline measurements					
Total expiratory muscles (OE + OI + TA)	4.2 (3.6-5.3)	4.7 (4.0-9.5)	4.4 (3.7-5.3)	3.3 (2.8-4.0)	0.013 ^a
m. Obliquus externa	0.9 (0.8-1.1)	1.1 (0.9-1.4)	1.1 (0.9-1.8)	0.8 (0.7-0.8)	0.001 ^b
m. Obliquus interna	1.3 (0.9-1.8)	1.4 (1.1-2.1)	1.3 (1.2-1.8)	0.9 (0.8-1.4)	0.272
m. Transverse abdominis	1.2 (0.9-1.6)	1.4 (1.1-2.1)	1.0 (0.8-1.4)	0.9 (0.9-1.3)	0.012 ^c
m. Rectus abdominis	1.9 (1.5-2.3)	2.3 (1.5-3.7)	2.3 (1.9-2.5)	1.6 (1.5-1.9)	0.009 ^d
Last measurements					
Total expiratory muscles (EO + OI + TA)	4.1 (3.5-5.3)	3.6 (3.2-6.4)	4.5 (3.7-5.3)	4.0 (3.6-4.4)	0.372
m. Obliquus externa	1.0 (0.8-1.1)	0.9 (0.7-1.1)	1.1 (0.8-1.8)	1.0 (0.9-1.1)	0.251
m. Obliquus interna	1.2 (1.0-1.7)	1.0 (0.9-1.3)	1.4 (1.1-1.9)	1.3 (1.1-1.7)	0.175
m. Transverse abdominis	1.2 (0.9-1.5)	1.2 (0.9-1.6)	1.0 (0.8-1.3)	1.2 (1.1-1.5)	0.237
m. Rectus abdominis	2.2 (1.8-2.7)	1.8 (1.2-2.7)	2.3 (1.8-2.7)	2.1 (1.8-2.9)	0.354