

Table 2. Intergroup and intragroup changes in outcome variables.

	Group 1: ESWT plus Kinesio taping (n=15)	Group 2: ESWT plus Sham-Kinesio taping (n=14)	Group 3: ESWT (n=15)	Group 1 vs. Group 2		Group 1 vs. Group 3	
				P value ^a	Mean differences (95% CI)	P value ^a	Mean differences (95% CI)
VAS baseline (T0)	8.33±1.5	7.79±1.97	7.6±1.55	.532		.164	
VAS after treatment (T1)	3.87±3	3.29±2.64	4.73±2.99	.537	0.58 (-1.58 to 2.74)	.325	-0.86 (-3.1 to 1.38)
VAS 4-week follow-up (T2)	3.07±2.79	4.36±2.7	5.33±3.46	.151	-2.29 (-3.38 to 0.8)	.064	-2.26 (-4.61 to 0.09)
P value ^b	<.001	.003	.013				
Mean differences (95% CI)	4.46 (2.69 to 6.23)	4.5 (2.76 to 6.24)	2.87 (1.09 to 4.65)				
P value ^c (T0-T1)	.002	.003	.011				
Mean differences (95% CI)	5.26 (3.58 to 6.94)	3.43 (1.66 to 5.2)	2.27 (0.26 to 4.28)				
P value ^c (T0-T2)	.001	.009	.049				
Heel tenderness index baseline (T0)	2±0.65	2.14±0.77	2.2±0.77	.566		.416	
Heel tenderness index after treatment (T1)	0.8±0.77	0.79±0.7	0.93±0.7	1.000	0.01 (-0.55 to 0.57)	.590	-0.13 (-0.68 to 0.42)
Heel tenderness index 4-week follow-up (T2)	0.53±0.74	0.79±0.89	1±1.07	.413	-0.26 (-0.88 to 0.36)	.215	-0.47 (-1.16 to 0.22)
P value ^b	<.001	.001	.001				
Mean differences (95% CI)	1.2 (0.76 to 1.73)	1.35 (0.78 to 1.92)	1.27 (0.72 to 1.82)				
P value ^c (T0-T1)	.004	.004	.002				
Mean differences (95% CI)	1.47 (0.95 to 1.99)	1.35 (0.7 to 2)	1.2 (0.5 to 1.9)				
P value ^c (T0-T2)	.002	.009	.012				
FFI total baseline (T0)	66.07±11.42	58.07±19.55	68.53±11.03	.275		.590	
FFI total after treatment (T1)	45.67±23.62	38.50±21.79	42.8±22.72	.395	7.17 (-10.18 to 24.52)	.756	2.87 (-14.46 to 20.2)
FFI total 4-week follow-up (T2)	23.33±17.76	40.64±22.17	41±25.65	.027	-17.31 (-32.56 to -2.06)	.062	-17.67 (-34.17 to -1.17)
P value ^b	<.001	.076	<.001				
Mean differences (95% CI)	20.4 (6.52 to 34.28)	19.57 (3.49 to 35.65)	25.73 (12.37 to 39.09)				
P value ^c (T0-T1)	.011	.026	.001				
Mean differences (95% CI)	42.74 (31.57 to 53.91)	17.42 (-2.78 to 36.63)	27.53 (12.76 to 42.30)				
P value ^c (T0-T2)	.001	.096	.001				
FFI pain baseline (T0)	77.67±15.22	72.64±15.73	79.87±7.72	.213		.868	
FFI pain after treatment (T1)	52.47±26.02	44.36±21.30	54.07±23.14	.325	8.11 (-10.09 to	.901	-1.6 (-20.02 to 16.82)

					26.31)		
FFI pain 4-week follow-up (T2)	30.60±25.03	45.64±25.50	54.07±29.68	.126	-15.04 (-34.3 to 4.22)	.042	-23.47 (-44 to -2.94)
P value ^b	<.001	.019	<.001				
Mean differences (95% CI)	25.2 (9.26 to 41.14)	28.28 (13.73 to 42.83)	25.8 (12.9 to 38.7)				
P value ^c (T0-T1)	.003	.004	.001				
Mean differences (95% CI)	47.07 (31.58 to 62.56)	27 (10.54 to 43.46)	25.8 (9.58 to 42.2)				
P value ^c (T0-T2)	.001	.017	.005				
FFI disability baseline (T0)	72.67±15.22	62.5±21.97	72.73±13.04	.265		.917	
FFI disability after treatment (T1)	49.40±26.69	42.00±25.82	45.40±28.35	.458	7.4 (-12.63 to 27.43)	.709	4 (-16.59 to 24.59)
FFI disability 4-week follow-up (T2)	25.2±18.07	46.0±27.88	43.20±28.45	.026	-20.8 (-36.58 to -3.02)	.078	-18 (-35.83 to -0.17)
P value ^b	<.001	.076	.002				
Mean differences (95% CI)	23.27 (7.02 to 39.52)	20.5 (1.88 to 39.12)	27.33 (10.83 to 43.83)				
P value ^c (T0-T1)	.009	.038	.001				
Mean differences (95% CI)	47.47 (34.97 to 59.97)	16.5 (-3 to 36)	29.53 (12.98 to 46.08)				
P value ^c (T0-T2)	.001	.158	.004				
FFI activity limitation baseline (T0)	37.6±13.1	34±19.44	46±20.35	.555		.370	
FFI activity limitation after treatment (T1)	26.80±19.45	16.57±20.43	20.93±19.31	.105	10.23 (-9.09 to 29.55)	.328	5.87 (-8.63 to 20.37)
FFI activity limitation 4-week follow-up (T2)	5.6±8.25	19.07±16.92	18.80±16.93	.029	-13.47 (-23.5 to -3.44)	.035	-13.2 (-23.16 to -3.24)
P value ^b	<.001	.041	<.001				
Mean differences (95% CI)	10.8 (-1.6 to 23.2)	8.25 (1.94 to 32.92)	8.25 (10.23 to 39.91)				
P value ^c (T0-T1)	.061	.012	.001				
Mean differences (95% CI)	8.25 (23.81 to 40.19)	14.93 (-2.63 to 32.49)	8.25 (13.2 to 41.2)				
P value ^c (T0-T2)	.001	.084	.002				

CI Confidence Interval, FFI Foot Function Index, VAS Visual Analog Scale

^a Inter-group analysis with Mann-Whitney U test test

^b Intra-group analysis with Friedman test

^c Pairwise comparison with Wilcoxon test (According to Bonferroni correction p-value: 0.05/3= 0.017)