

Supplementary material to article by Y-P. Pong et al. "Effectiveness of ultrasound-guided vs direct approach corticosteroid injections for carpal tunnel syndrome: A double-blind randomized controlled trial"

Table III. Change from baseline in physical findings of the patients, numerical outcome

	SAG (n = 22)		DAG (n = 17)		SAG vs DAG	
	MD (95% CI)	p-value	MD (95% CI)	p-value	MD (95% CI)	p-value
Semmes-Weinstein monofilament test						
After 1 month	0.00 (-0.28, 0.28)	1.000	-0.71 (-1.02, -0.39)	<0.001***	0.71 (0.22, 1.19)	0.004**
After 3 months	-0.50 (-0.74, -0.26)	<0.001***	-0.71 (-1.19, -0.22)	0.004**	0.21 (-0.34, 0.75)	0.456
After 6 months	-0.82 (-1.33, -0.30)	0.002**	-0.71 (-1.10, -0.31)	<0.001***	-0.11 (-0.72, 0.49)	0.715
Grip strength						
After 1 month	1.95 (0.46, 3.44)	0.010*	1.42 (-0.10, 2.94)	0.067	0.53 (-1.60, 2.66)	0.624
After 3 months	1.68 (-0.02, 3.38)	0.052	0.19 (-1.94, 2.32)	0.862	1.49 (-1.23, 4.22)	0.282
After 6 months	0.36 (-3.87, 4.58)	0.869	-0.59 (-2.47, 1.28)	0.534	0.95 (-3.67, 5.57)	0.687
Lateral pinch strength						
After 1 month	0.31 (-0.01, 0.63)	0.061	0.26 (-0.02, 0.54)	0.071	0.05 (-0.38, 0.47)	0.829
After 3 months	0.12 (-0.42, 0.66)	0.662	-0.13 (-0.48, 0.22)	0.471	0.25 (-0.40, 0.90)	0.448
After 6 months	1.29 (-0.68, 3.27)	0.200	-0.25 (-0.64, 0.14)	0.204	1.55 (-0.47, 3.56)	0.132
Symptom severity scale						
After 1 month	-10.05 (-14.92, -5.17)	<0.001***	-8.24 (-11.43, -5.04)	<0.001***	-1.81 (-7.64, 4.02)	0.543
After 3 months	-10.77 (-15.14, -6.41)	<0.001***	-8.41 (-12.52, -4.30)	<0.001***	-2.36 (-8.36, 3.64)	0.440
After 6 months	-8.93 (-13.24, -4.62)	<0.001***	-7.35 (-12.39, -2.32)	0.004**	-1.58 (-8.21, 5.05)	0.641
Functional status scale						
After 1 month	-2.95 (-5.10, -0.81)	0.007**	-2.71 (-4.92, -0.49)	0.017*	-0.25 (-3.34, 2.84)	0.875
After 3 months	-4.00 (-6.33, -1.67)	0.001**	-4.24 (-6.86, -1.61)	0.002**	0.24 (-3.27, 3.74)	0.895
After 6 months	-2.55 (-5.16, 0.07)	0.057	-2.88 (-6.18, 0.42)	0.087	0.34 (-3.88, 4.55)	0.875
Visual analogue scale						
After 1 month	-27.95 (-37.35, -18.55)	<0.001***	-24.82 (-33.44, -16.20)	<0.001***	-3.13 (-15.88, 9.62)	0.630
After 3 months	-33.56 (-42.86, -24.26)	<0.001***	-31.00 (-42.00, -20.00)	<0.001***	-2.56 (-16.96, 11.84)	0.727
After 6 months	-26.35 (-37.01, -15.68)	<0.001***	-25.71 (-39.69, -11.72)	<0.001***	-0.64 (-18.23, 16.95)	0.943

*p < 0.05; **p < 0.01; ***p < 0.001

SAG: sonography approach group; DAG: direct approach group; MD: mean difference; CI: confidence interval; SWMT: Semmes-Weinstein Monofilament test; SSS: symptom severity scale; FSS: functional status scale.