

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 SI. Change from baseline in physical findings of the patients, binary outcome

	SAG (n=22)		DAG (n=17)		SAG vs DAG
	RD (95% CI)	p-value	RD (95% CI)	p-value	p-value
Hand weakness					
After 1 month	-0.32 (-0.51, -0.12)	0.001**	-0.29 (-0.51, -0.08)	0.008**	0.916
After 3 months	-0.36 (-0.56, -0.16)	<0.001***	-0.24 (-0.44, -0.03)	0.022*	0.308
After 6 months	-0.32 (-0.58, -0.05)	0.018*	-0.24 (-0.44, -0.03)	0.022*	0.602
Constant numbness					
After 1 month	-0.18 (-0.34, -0.02)	0.027*	-0.41 (-0.65, -0.18)	0.001**	0.136
After 3 months	-0.18 (-0.34, -0.02)	0.027*	-0.47 (-0.71, -0.23)	<0.001***	0.064
After 6 months	-0.14 (-0.28, 0.01)	0.062	-0.41 (-0.70, -0.13)	0.005**	0.116
Daytime numbness					
After 1 month	-0.32 (-0.51, -0.12)	0.001**	-0.47 (-0.71, -0.23)	<0.001***	0.461
After 3 months	-0.45 (-0.70, -0.21)	<0.001***	-0.29 (-0.57, -0.02)	0.033*	0.626
After 6 months	-0.36 (-0.60, -0.13)	0.003**	-0.41 (-0.70, -0.13)	0.005**	0.803
Tinel's sign					
After 1 month	-0.27 (-0.46, -0.09)	0.004**	-0.06 (-0.26, 0.14)	0.560	0.119
After 3 months	-0.32 (-0.55, -0.09)	0.007**	-0.35 (-0.58, -0.13)	0.002**	0.592
After 6 months	-0.32 (-0.55, -0.09)	0.007**	-0.06 (-0.26, 0.14)	0.560	0.095
Flick sign					
After 1 month	-0.27 (-0.46, -0.09)	0.004**	-0.47 (-0.71, -0.23)	<0.001***	0.122
After 3 months	-0.27 (-0.50, -0.05)	0.017*	-0.35 (-0.58, -0.13)	0.002**	0.266
After 6 months	-0.18 (-0.42, 0.06)	0.138	-0.47 (-0.76, -0.18)	0.001**	0.126
Phalen's test					
After 1 month	-0.36(-0.63, -0.10)	0.008**	-0.41 (-0.65, -0.18)	0.001**	0.740
After 3 months	-0.45 (-0.66, -0.25)	<0.001***	-0.53 (-0.77, -0.29)	<0.001***	0.627
After 6 months	-0.41 (-0.61, -0.20)	<0.001***	-0.35 (-0.58, -0.13)	0.002**	0.876
Reverse Phalen's test					
After 1 month	-0.27 (-0.46, -0.09)	0.004**	-0.18 (-0.42, 0.07)	0.156	0.456
After 3 months	-0.27 (-0.46, -0.09)	0.004**	-0.29 (-0.57, -0.02)	0.033*	0.991
After 6 months	-0.27 (-0.46, -0.09)	0.004**	-0.18 (-0.42, 0.07)	0.156	0.456
Wrist compression test					
After 1 month	-0.27 (-0.50, -0.05)	0.017*	-0.18 (-0.42, 0.07)	0.156	0.550
After 3 months	-0.32 (-0.64, 0.00)	0.050	-0.18 (-0.42, 0.07)	0.156	0.491
After 6 months	-0.36 (-0.66, -0.07)	0.016*	-0.18 (-0.42, 0.07)	0.156	0.352

* $p < 0.05$; ** $p < 0.01$; *** $p < 0.001$.

SAG: sonography approach group; DAG: direct approach group; RD: risk difference; CI: confidence interval; mo: month(s); NA: not applicable; CI: confidence interval.