Supplementary file 1. Sciatic nerve cross-sectional area and skin-to-nerve distance by group and tension position.

	Patients		Controls	Linear mixed-effects model	Tukey's test		
	Symptomatic side	Asymptomatic side	Matched side		Symptomatic side vs Asymptomatic side	Symptomatic side vs Controls	Asymptomatic side vs Controls
Cross-sectional area				Interaction - $p < 0.01$			
Lesser tension position	50.76 ± 10.03	46.98 ± 13.89	31.36 ± 8.47	Group - $p < 0.01$	$p = 0.38$	$p < 0.01$	$p < 0.01$
Greater tension position	40.75 ± 11.45	38.68 ± 13.80	28.25 ± 7.29	Position - $p < 0.01$	$p = 0.74$	$p < 0.01$	$p < 0.01$
Whithin-group comparison	$p < 0.01$	$p < 0.01$	$p = 0.06$				
Skin-to-nerve distance				Interaction - $p = 0.24$			
Lesser tension position	51.75 ± 8.56	54.60 ± 9.86	39.07 ± 9.55	Group - $p < 0.01$	$p = 0.39$	$p < 0.01$	$p < 0.01$
Greater tension position	47.51 ± 7.99	48.60 ± 7.91	33.15 ± 7.28	Position - $p < 0.01$	$p = 0.87$	$p < 0.01$	$p < 0.01$
Whithin-group comparison	$p < 0.01$	$p < 0.01$	$p < 0.01$				

Note: Values are presented as mean ± standard deviation. Cross-sectional area values are expressed in mm² and Skin-to-nerve distance in mm. A linear mixed-effects model examined the group X position interaction. Tukey's post hoc test was applied to identify the comparison pair.