

Supplementary table 1. Standard error of measurement (SEM) and smallest real difference (SRD) of the QST parameters. Data from inter-rater reliability analysis were used. Calculations: SEM= intra-individual standard deviation* $\sqrt{1-ICC}$, SRD = 1.96 * SEM * $\sqrt{2}$. The SRD indicates the changes in value that cannot be interpreted as random scatters between two measurements in an individual, but has to be assigned to change due to a treatment or intervention effect.

	SEM	SRD
PPT (N)		
Tibialis anterior	4.4	12.2
Deltoid	3.7	10.1
TSP (mm)		
Tibialis anterior	5.2	14.5
Deltoid	4.0	11.0
Hand	7.3	20.1
CPM		
Tibialis anterior		
Percent change (%)	9.6	26.7
Difference (N)	4.7	13.0
Deltoid		
Percent change (%)	11.2	31.1
Difference (N)	3.5	9.6

Supplementary table 2. Correlations between QuantiPain data, knee pain VAS, and chronic-pain-associated questionnaires. Upper column; Spearman’s correlation coefficient, Lower column; P-value. ‘-’means no significant correlation. Abbreviations: PPT; pressure pain threshold, MJS; medial joint space, TA; tibialis anterior muscle, TSP; temporal summation of pain, CPM; conditioned pain modulation (presented as difference of PPT), VAS; visual analogue scale, CSI; Central Sensitization Inventory, HADS-A; Anxiety score of Hospital Anxiety and Depression Scale, HADS-D; Depression score of Hospital Anxiety and Depression Scale, PCS; Pain Catastrophizing Scale.

	PPT MJS	PPT TA	TSP	CPM	VAS rest	VAS walk	CSI	HADS-A	HADS-D	PCS
PPT MJS		0.82	-	0.39	-0.35	-0.38	-	-	-	-0.37
		<0.0001		0.013	0.026	0.017				0.022
PPT TA	0.82		-0.38	0.48	-0.33	-0.44	-	-	-	-0.37
	<0.0001		0.017	0.002	0.037	0.005				0.022
TSP	-	-0.38		-	-	-	0.37	-	-	-
		0.017					0.022			
CPM	0.39	0.48	-		-	-	-	-	-	-
	0.013	0.002								
VAS rest	-0.35	-0.33	-	-		0.54	-	-	-	-
	0.026	0.037				0.0003				
VAS walk	-0.38	-0.44	-	-	0.54		-	-	-	-
	0.017	0.005			0.0003					
CSI	-	-	0.37	-	-	-		0.6	-	0.53
			0.022					<0.0001		0.0006
HADS-A	-	-	-	-	-	-	0.6		0.33	0.32
							<0.0001		0.041	0.049
HADS-D	-	-	-	-	-	-	-	0.33		-
								0.041		
PCS	-0.37	-0.37	-	-	-	-	0.53	0.32	-	
	0.022	0.022					0.0006	0.049		