

Table S1. Characteristics of the participants.

	Frequency	Percentage
Studies		
No education	1	3.0
Primary education	4	12.1
Secondary education	9	27.3
University	19	57.6
Limb deformities		
Yes	2	6.1
No	31	93.9
Diagnostic		
Radiography	25	75.8
Magnetic resonance	8	24.2
Kellgren–Lawrence scale		
I	10	30.3
II	23	69.7
Treatment		
Yes	4	12.1
No	29	87.9
Analgesic treatment		
Yes	4	12.1
Other treatment	29	87.9

Characteristics of the participants.

Table S2. Mean differences in the pairwise comparison: numerical rating scale and pain pressure threshold at the locations.

outcome	Time/time	T0	T1	T2	T3	T4	T5
NRS (mean difference)	T0		3.073	3.368	3.273	3.052	2.788
	T1	-3.073		0.295	0.200	-0.021	-0.285
	T2	-3.36 *	-0.295		-0.095	-0.317	-0.580
	T3	-3.273	-0.200	0.095		-0.221	-0.485
	T4	-3.052	0.021	0.317	0.221		-0.264
	T5	-2.788	0.285	0.580	0.485	0.264	
Elbow PPT (mean difference)	T0		-0.368	-0.393	-0.189	0.055	0.098
	T1	0.368		-0.025	0.178	0.422	0.466
	T2	0.393	0.025		0.204	0.447	0.491
	T3	0.189	-0.178	-0.204		0.244	0.288
	T4	-0.055	-0.422	-0.447	-0.244		0.044
	T5	-0.098	-0.466	-0.491	-0.288	-0.044	
External knee PPT (mean difference)	T0		-0.500	-0.518	-0.455	-0.177	-0.041
	T1	0.500		-0.018	0.045	0.324	0.460
	T2	0.518	0.018		0.063	0.341	0.477
	T3	0.455	-0.045	-0.063		0.278	0.415
	T4	0.177	-0.324	-0.341	-0.278		0.136
	T5	0.041	-0.460	-0.477	-0.415	-0.136	
Internal knee PPT (mean difference)	T0		-0.602	-0.624	-0.558	-0.318	-0.282
	T1	0.602		-0.022	0.044	0.283	0.319
	T2	0.624	0.022		0.065	0.305	0.341
	T3	0.558	-0.044	-0.065		0.240	0.276
	T4	0.318	-0.283	-0.305	-0.240		0.036
	T5	0.282	-0.319	-0.341	-0.276	-0.036	

NRS: numerical rating scale; PPT: pain pressure threshold.

Table S3. Mean differences in pairwise comparison: temporal summation and conditioned pain modulation.

outcome	Time/time	T0	T1	T2	T3	T4	T5
CSI (mean difference)	T0		4.121	4.576	5.121	4.606	3.545
	T1	-4.121		0.455	1	0.485	-0.576
	T2	-4.576	-0.455		0.545	0.030	-1.030
	T3	-5.121	-1	-0.545		-0.515	-1.576
	T4	-4.606	-0.485	-0.030	0.515		-1.061
	T5	-3.545	0.576	1.030	1.576	1-061	
Elbow TS (mean difference)	T0		-7.475	1.110	-4.319	5.758	19.041
	T1	7.475		8.585	3.156	13.233	26.516
	T2	-1.110	-8.585		-5.429	4.647	17.930
	T3	4.319	-3.156	5.429		10.076	23.359
	T4	-5.758	-13.233	-4.647	-10.076		13.283
	T5	-19.041	-26.516	-17.930	-23.359	-13.283	
External knee TS (mean difference)	T0		-1.681	4.228	-8.903	-11.782	7.208
	T1	1-681		5.909	-7.223	-10.102	8.889
	T2	-4.228	-5.909		-13.132	-16.011	2.980
	T3	8.903	7.223	13.132		-2.879	16.112
	T4	11.782	10.102	16.011	2.879		18.991
	T5	-7.208	-8.889	-2.980	-16.112	-18.991	
Internal knee TS (mean difference)	T0		-28.045	17.482	7.461	5.036	15.642
	T1	28.045		45.527	35.505	33.081	43.687
	T2	-17.482	-45.527		-10.022	-12.446	-1.840
	T3	-7.461	-35.505	10.022		-2.424	8.182
	T4	-5.036	-33.081	12.446	2.424		10.606
	T5	-15.642	-43.687	1.840	-8.182	-10.606	
Elbow CPM (mean difference)	T0		-1.591	-0.985	-0.576	-1.030	-1.330
	T1	1.591		0.606	1.015	0.561	0.261
	T2	0.985	0.606		0.409	-0.045	-0.345
	T3	0.576	-1.015	-0.409		-0.455	-0.755
	T4	1.030	-0.561	0.045	0.455		-0.300
	T5	1.330	-0.261	0.345	0.755	0.300	
External knee CPM (mean difference)	T0		-0.712	-0.312	0	-0.664	-0.652
	T1	0.712		0.400	0.712	0.048	0.061
	T2	0.312	-0.400		0.312	-0.352	-0.339
	T3	0	-0.712	-0.312		-0.664	-0.652
	T4	0.664	-0.048	0.352	0.664		0.012
	T5	0.652	-0.061	0.339	0.652	-0.012	
Internal knee CPM (mean difference)	T0		-1.061	-0.833	-1.303	-1.573	-1.300
	T1	1.061		0.227	-0.242	-0.512	-0.239
	T2	0.833	-0.227		-0.470	-0.739	-0.467
	T3	1.303	0.242	0.470		-0.270	0.03
	T4	1.573	0.512	0.739	0.270		0.273
	T5	1.300	0.239	0.467	-0.03	-0.273	

CPM: conditioned pain modulation; TS: temporal summation.

Table S4. Mean differences in the pairwise comparison: Knee Injury and Osteoarthritis Outcome Score.

outcome	Time/time	T0	T1	T2	T3	T4	T5
SF-12 (mean difference)	T0		0.515	1.394	1	0.273	0.394
	T1	-0.515		0.879	0.485	-0.242	-0.121
	T2	-1.394	-0.879		-0.394	-1.121	-1
	T3	-1	-0.485	0.394		-0.727	-0.606
	T4	-0.273	0.242	1.121	0.727		0.121
	T5	-0.394	0.121	1	0.606	-0.121	
KOOSS (mean difference)	T0		-17.749	-17.316	-16.234	-16.558	-15.476
	T1	17.749		0.433	1.515	1.190	2.273
	T2	17.316	-0.433		1.082	0.758	1.840
	T3	16.234	-1.515	-1.082		-0.325	0.758
	T4	16.558	-1.190	-0.758	0.325		1.082
	T5	15.476	-2.273	-1.840	-0.758	-1.082	
KOOSR (mean difference)	T0		-14.057	-16.919	-17.003	-15.236	-15.993
	T1	14.057		-2.862	-2.946	-1.178	-1.936
	T2	16.919	2.862		-0.084	1.684	0.926
	T3	17.003	2.946	0.084		1.768	1.010
	T4	15.236	1.178	-1.684	-1.768		-0.758
	T5	15.993	1.936	-0.926	-1.010	0.758	
KOOSADL (mean difference)	T0		-3.815	-15.553	-16.934	-16.889	-15.285
	T1	13.815		-1.738	-3.119	-3.075	-1.471
	T2	-15.553	-1.738		-1.381	-1.337	0.267
	T3	-16.934	-3.119	1.381		0.045	1.649
	T4	16.889	3.075	-1.337	-0.045		1.604
	T5	15.285	1.471	0.267	1.649	1.604	
KOOSP (mean difference)	T0		-12.909	-15.636	-14.939	-17.909	-20.515
	T1	12.909		-2.727	-2.030	-5	-7.606
	T2	15.636	2.727		0.697	-2.273	-4.879
	T3	14.939	2.030	-0.697		-2.970	-5.576
	T4	17.909	5	2.273	2.970		-2.606
	T5	20.515	7.606	4.879	5.576	2.606	
KOOSQL (mean difference)	T0		-9.84 (-18.0;-1.62)	-11.742 (	-15.341	-17.083	-18.561
	T1	9.848		-1.894	-5.492	-7.955	-8.712
	T2	11.742	1.894		-3.598	-6.061	-6.818
	T3	15.341	5.492	3.598		-2.462	-3.220
	T4	17.083	7.955	6.061	2.462		-0.758
	T5	18.561	8.712	6.818	3.220	0.758	

KOOSALD: knee injury and osteoarthritis outcome activities of daily life; KOOSP: knee injury and osteoarthritis outcome pain; KOOSQL: knee injury and osteoarthritis outcome quality of life; KOOSS: knee injury and osteoarthritis outcome symptoms; KOOSSR: knee injury and osteoarthritis outcome sport and recreational function.