



Supplementary Figure 1 | Differences in baseline clinical outcomes (t0) based on (A-I) patient age or (J-R) gender. VAS, Visual analogue scale (pain severity); BPI, Brief Pain Inventory (which includes BPI-1 – intensity and BPI-3 - interference); PCS, Pain Catastrophizing Scale; HADS, Hospital Anxiety-Depression Scale (which includes HADS-A – anxiety and HADS-D -depression); EQ-5D-3L, Euro Quality of Life Scale. (A-I) Correlation between clinical parameters and age of patients and (J-R) violin plots of clinical parameters based on age. Data from 19 patients were reported. Statistical analysis was performed by (A-I) Pearson's Correlation and (J-R) unpaired t-test. ** $p < 0.01$ vs. t0. p, p-value; r, Pearson's correlation coefficient; mm, millimeters.

Correlations		p	r
VAS vs.	BPI-3	0.1639	0.3328
	PCS	0.1702	0.3281
	HADS	0.1958	0.3104
	HADS-A	0.6308	0.1179
	HADS-D	0.0741	0.4191
	EQ-5D-3L	0.0654	- 0.4310
BPI-1 vs.	PCS	0.7324	0.0840
	HADS	0.1336	0.3569
	HADS-A	0.6872	0.09887
BPI-3 vs.	PCS	0.2021	0.3063
	HADS-D	0.1913	0.3135
PCS vs.	HADS	0.1876	0.3159
	HADS-A	0.0622	0.4358
	HADS-D	0.6693	0.1048
	EQ-5D-3L	0.7223	- 0.0873
HADS-A	EQ-5D-3L	0.0514	- 0.4530

Supplementary Table 1 | Baseline correlation clinical outcomes. VAS, Visual analogue scale (pain severity); BPI, Brief Pain Inventory (1-intensity; 3-interference); PCS, Pain Catastrophizing Scale; HADS, Hospital Anxiety-Depression Scale (which includes HADS-A – anxiety and HADS-D - depression); EQ-5D-3L, Euro Quality of Life Scale. Statistical significance (p, p-value) and trend (r, Pearson's correlation coefficient - positive or negative) of baseline time (t0) correlations of clinical data from 19 patients were reported. Statistical analysis was performed by Pearson's correlation coefficients.

Correlations		p	r
VAS vs.	BPI-1	0.4394	0.5606
	BPI-3	0.2615	0.7385
	PCS	0.1951	0.8049
	HADS	0.3152	0.6848
	HADS-A	0.3553	0.6447
	HADS-D	0.2542	0.7458
	EQ-5D-3L	0.1828	0.8172
BPI-1 vs.	PCS	0.0652	0.9348
	HADS	0.1225	0.8775
	HADS-A	0.0965	0.9035
	HADS-D	0.0537	0.9463
	EQ-5D-3L	0.1005	- 0.08995
BPI-3 vs.	HADS	0.1391	0.8609
	HADS-A	0.1271	0.8729
	EQ-5D-3L	0.0631	- 0.9369
PCS vs.	HADS	0.0563	0.9435
	HADS-A	0.0572	0.9428

Supplementary Table 2 | Correlation clinical outcomes over time. VAS, Visual Analogue Scale (pain severity); BPI, Brief Pain Inventory (1-intensity and 3-interference); PCS, Pain Catastrophizing Scale; HADS, Hospital Anxiety-Depression Scale (which includes HADS-A – anxiety and HADS-D - depression); EQ-5D-3L, Euro Quality of Life Scale. Statistical significance (p, p-value) and trend (r, Pearson's correlation coefficient - positive or negative) correlations of clinical data from 19 patients are shown. Statistical analysis was performed by Pearson's correlation coefficients.