

Supplementary Text

Supplementary Text 1. Grading of the suprathreshold heat stimulus

The suprathreshold heat stimulus (STHS) score was calculated as the NRS-score (0-10) divided by the duration of the stimulus (0-5 s) before the handheld button was pressed. If the patient discontinued the stimulation before the 47.0°C was reached the duration of the stimulus was defined as 0 s. If the patient did not press the handheld button the duration of stimulus was defined as 5 s. To avoid that the denominator had a zero-value, the duration of the stimulus in all patients was increased with +1. As an example, if a patient discontinued the stimulation before reaching the plateau of 47.0°C, and rated the pain at 8 (NRS) the calculation would be:

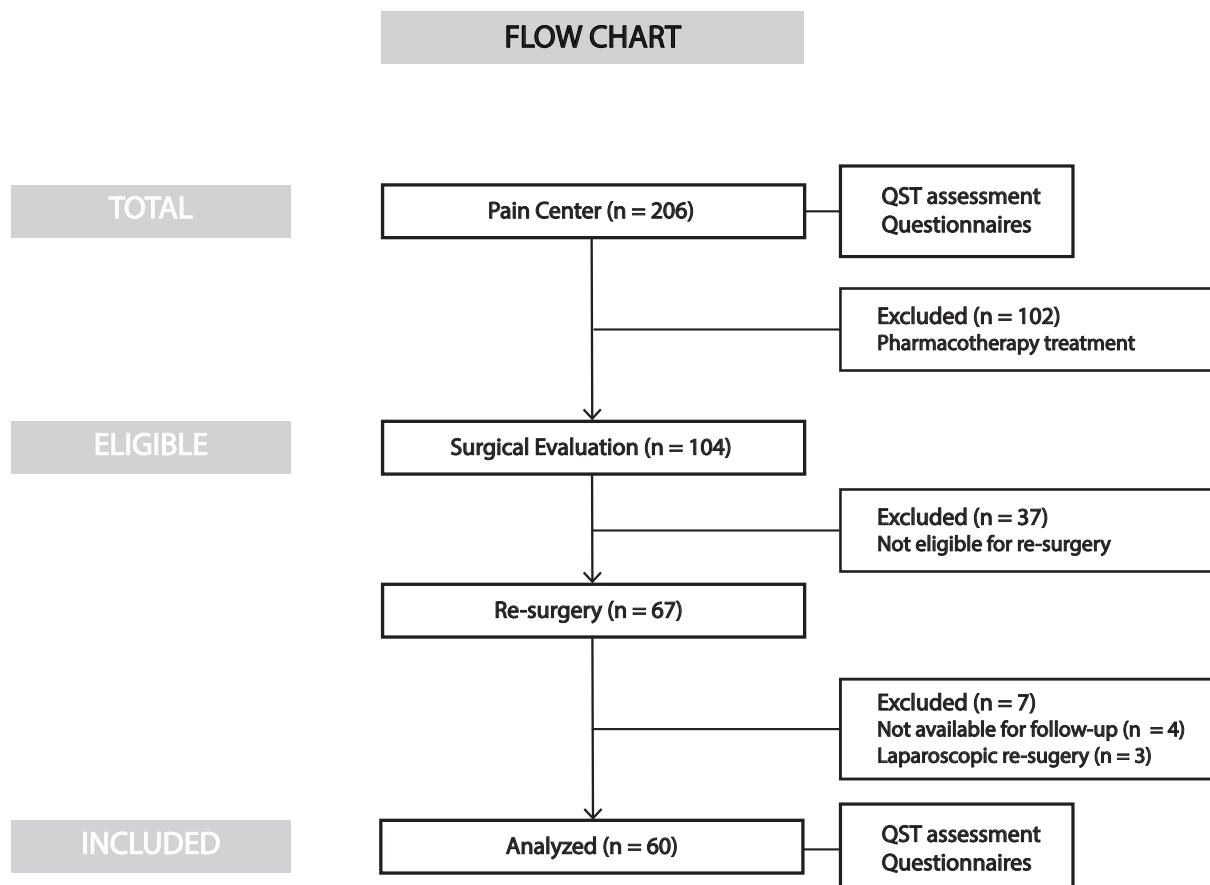
$$\frac{8}{0+1} = 8.0$$

Similarly, the calculation for a patient that did not discontinue the stimulation and rated the pain 7 (NRS) at the end of the 5 s stimulation would be:

$$\frac{7}{5+1} = 1.2$$

Supplementary Figures

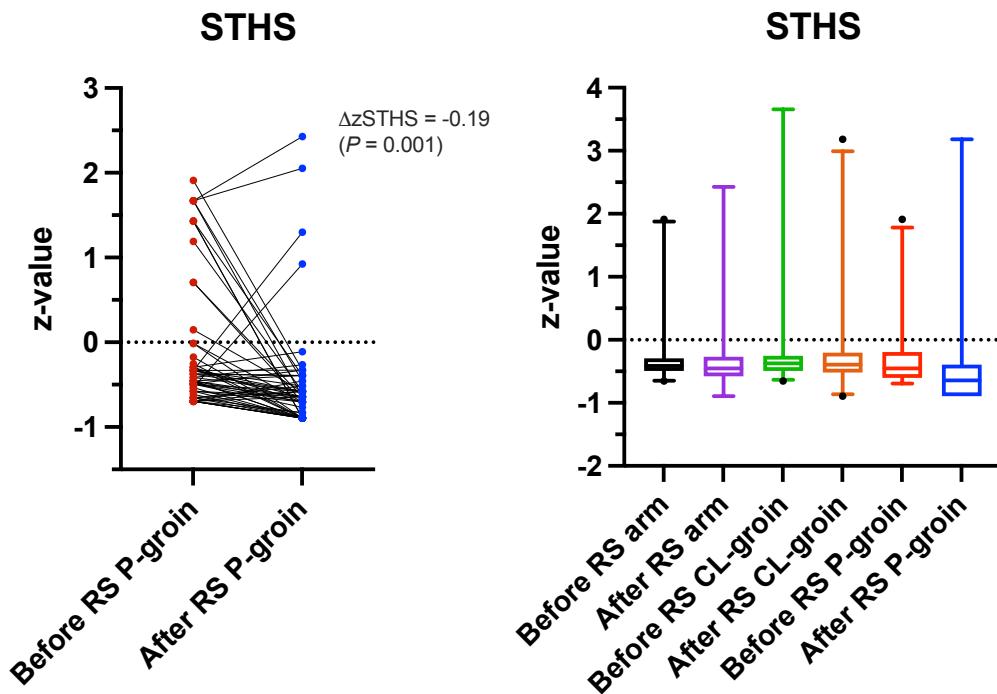
Supplementary Figure 1. Flow chart.



Flow chart and study algorithm for patients with persistent severe pain after groin hernia repair undergoing re-surgery, as in a previous study [1] the decision to perform re-surgery was based on validation of a significant inflammatory “component” (cf. [1]) and fulfillment of the inclusion criteria (cf. 2.2.2), by the surgeon (HK). Patients that were not eligible for re-surgery was excluded from the study and treated with pharmacotherapy [1].

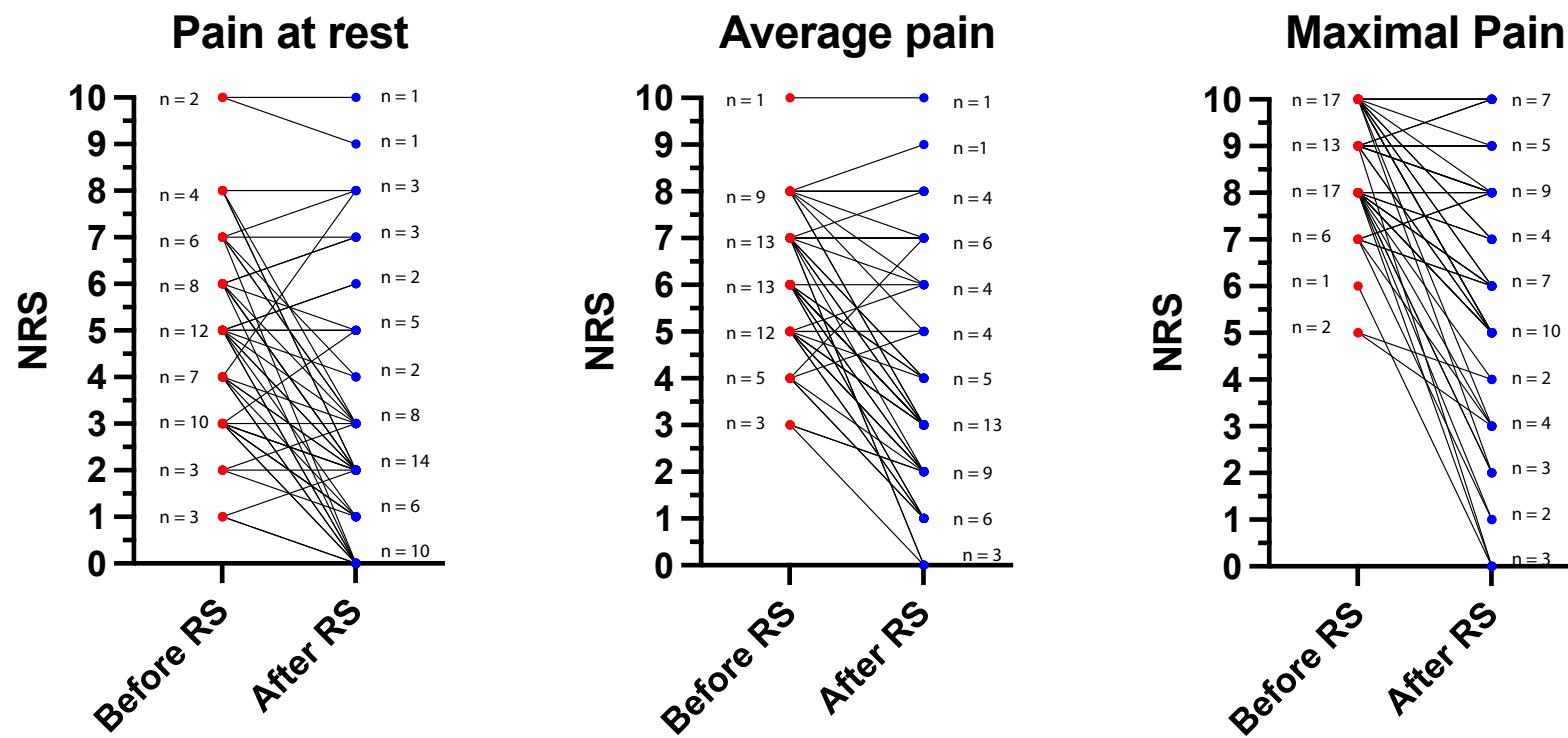
1. Jensen EK, Ringsted TK, Bischoff JM, Petersen MA, Rosenberg J, Kehlet H, Werner MU. A national center for persistent severe pain after groin hernia repair: Five-year prospective data. *Medicine (Baltimore)*. 2019;98(33):e16600.

Supplementary Figure 2. Suprathreshold heat stimulus



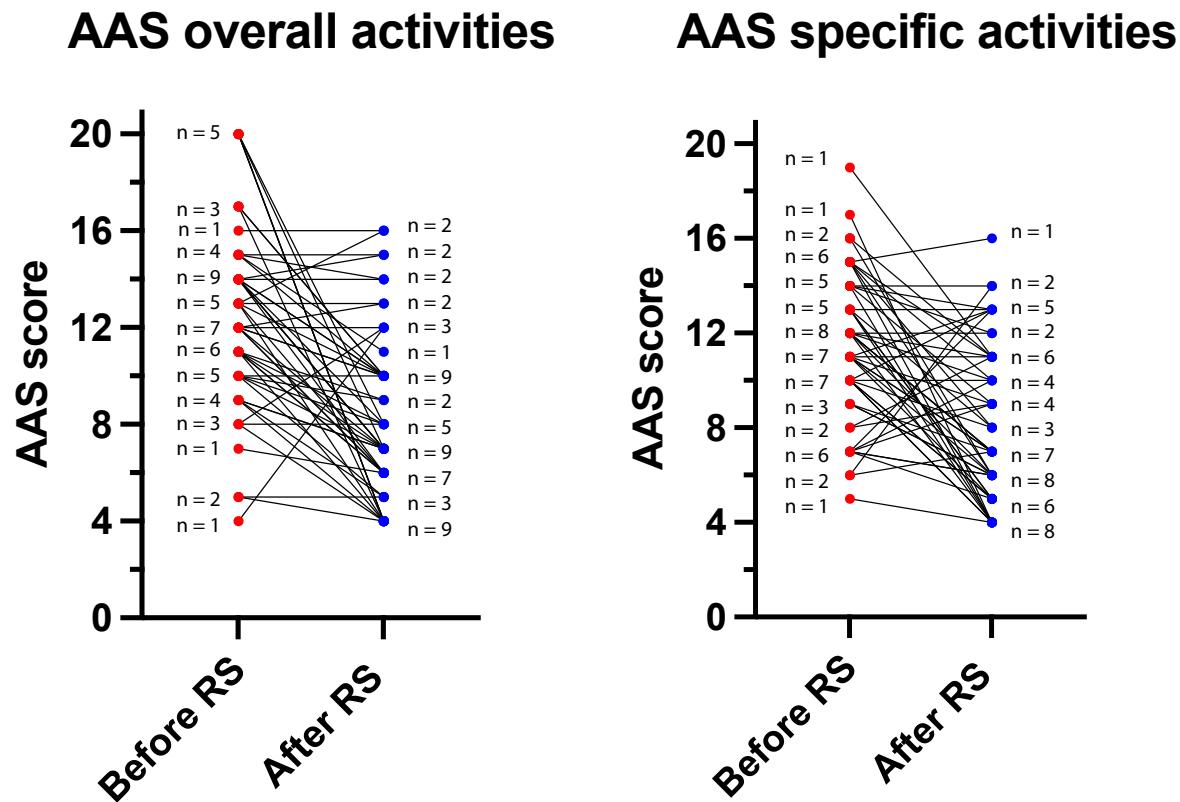
The z-scores (z_{STHS}) of the suprathreshold heat stimulus (STHS) before and after re-surgery (RS). The dot-line diagram demonstrates z_{STHS} -scores of the painful groin (P-groin) of each patient before and after re-surgery ($\Delta z_{\text{STHS}} = -0.19$; $P = 0.001$; effect size = 0.46). The box-whisker plot illustrates z_{STHS} -scores in the lower arm, in the CL-groin and in the P-groin before and after re-surgery. Whiskers indicate the 2.5 and 97.5 percentiles. The median is below 0 for all assessments indicating an evident non-parametric data distribution. The z-scores are calculated from the contralateral (CL) groin before and after RS. Outliers are indicated.

Supplementary Figure 3. Pain scores before and after re-surgery



Dot-line diagrams illustrating pain at rest (n = 55), average (n = 56), and maximal (n = 56) pain intensity scores (NRS) before and after re-surgery. Due to coincidence the specific number of patients are indicated in juxta-position to the individual dots. Following re-surgery, a median decrease in the pain at rest, average, and maximal pain intensity scores of 1.0, 2.0, and 2.0, respectively, was observed, (Wilcoxon matched-pairs signed-rank test, $P = 0.0001$ all scores)

Supplementary Figure 4. The Activities Assessment Scale scores before and after re-surgery



Dot-line diagrams illustrating scores of the Activities Assessment Scale (AAS) of overall activities ($n = 56$) (left panel; see main text for explanation) and specific activities ($n = 56$) (right panel), before and after re-surgery (RS). Due to coincidence the specific number of patients are indicated in juxtaposition to the individual dots. Median improvements in the specific and overall functional AAS-scores of 2.5 and 5.0, were observed (Wilcoxon matched-pairs signed-rank test, $P = 0.001$ and $P = 0.0002$).

Supplementary Tables

Supplementary Table 1. STROBE Statement checklist

	Item No.	Recommendation	Page No.	Relevant text from manuscript
Title and abstract	1	(a) Indicate the study's design with a commonly used term in the title or the abstract (b) Provide in the abstract an informative and balanced summary of what was done and what was found	1 4	'prospective observational'
Introduction				
Background/rationale	2	Explain the scientific background and rationale for the investigation being reported	6-7	
Objectives	3	State specific objectives, including any prespecified hypotheses	6-7	
Methods				
Study design	4	Present key elements of study design early in the paper	8	
Setting	5	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection	8-9	
Participants	6	(a) <i>Cohort study</i> —Give the eligibility criteria, and the sources and methods of selection of participants. Describe methods of follow-up <i>Case-control study</i> —Give the eligibility criteria, and the sources and methods of case ascertainment and control selection. Give the rationale for the choice of cases and controls <i>Cross-sectional study</i> —Give the eligibility criteria, and the sources and methods of selection of participants	8-9 N/A N/A	
		(b) <i>Cohort study</i> —For matched studies, give matching criteria and number of exposed and unexposed <i>Case-control study</i> —For matched studies, give matching criteria and the number of controls per case	N/A N/A	
Variables	7	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable	9-16	
Data sources/ measurement	8*	For each variable of interest, give sources of data and details of methods of assessment (measurement). Describe comparability of assessment methods if there is more than one group	9-16	
Bias	9	Describe any efforts to address potential sources of bias	-	Methods standardized analyses
Study size	10	Explain how the study size was arrived at	13	

Continued on next page

Quantitative variables	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why	13-14
Statistical methods	12	(a) Describe all statistical methods, including those used to control for confounding (b) Describe any methods used to examine subgroups and interactions (c) Explain how missing data were addressed (d) <i>Cohort study</i> —If applicable, explain how loss to follow-up was addressed <i>Case-control study</i> —If applicable, explain how matching of cases and controls was addressed <i>Cross-sectional study</i> —If applicable, describe analytical methods taking account of sampling strategy (e) Describe any sensitivity analyses	13-16 13-16 N/A N/A
Results			
Participants	13*	(a) Report numbers of individuals at each stage of study—eg numbers potentially eligible, examined for eligibility, confirmed eligible, included in the study, completing follow-up, and analysed (b) Give reasons for non-participation at each stage (c) Consider use of a flow diagram	17 S1 S1
Descriptive data	14*	(a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders (b) Indicate number of participants with missing data for each variable of interest (c) <i>Cohort study</i> —Summarise follow-up time (eg, average and total amount)	Table 1 Table 1 + 2, S6 + S7 Table 1
Outcome data	15*	Cohort study—Report numbers of outcome events or summary measures over time <i>Case-control study</i> —Report numbers in each exposure category, or summary measures of exposure <i>Cross-sectional study</i> —Report numbers of outcome events or summary measures	11 outcome events N/A N/A
Main results	16	(a) Give unadjusted estimates and, if applicable, confounder-adjusted estimates and their precision (eg, 95% confidence interval). Make clear which confounders were adjusted for and why they were included (b) Report category boundaries when continuous variables were categorized © If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period	17-23 N/A N/A

Continued on next page

Other analyses	17	Report other analyses done—eg analyses of subgroups and interactions, and sensitivity analyses	N/A
Discussion			
Key results	18	Summarise key results with reference to study objectives	24
Limitations	19	Discuss limitations of the study, taking into account sources of potential bias or imprecision. Discuss both direction and magnitude of any potential bias	29
Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence	24-30
Generalisability	21	Discuss the generalisability (external validity) of the study results	29
Other information			
Funding	22	Give the source of funding and the role of the funders for the present study and, if applicable, for the original study on which the present article is based	- Given in the submission system (as specified in the submission guidelines)

*Give information separately for cases and controls in case-control studies and, if applicable, for exposed and unexposed groups in cohort and cross-sectional studies.

Note: An Explanation and Elaboration article discusses each checklist item and gives methodological background and published examples of transparent reporting. The STROBE checklist is best used in conjunction with this article (freely available on the Web sites of PLoS Medicine at <http://www.plosmedicine.org/>, Annals of Internal Medicine at <http://www.annals.org/>, and Epidemiology at <http://www.epidem.com/>). Information on the STROBE Initiative is available at www.strobe-statement.org.

Supplementary Table 2. Grading of temporal summation phenomena

Categories	Brush
N	Constant/decreased NRS-scores during the stimulation
I	Increased NRS-scores of 1-2 during the stimulation
II	Increased NRS-scores of 3-6 during the stimulation
	Absolute NRS-scores of 7-10
III	<i>or</i> Discontinuation of stimulation due to severe pain
Categories	Monofilaments
N	Constant/decreased NRS-scores during the stimulation
I	Increased NRS-scores of 3-4 during the stimulation
II	Increased NRS-scores of 5-6 during the stimulation
	Absolute NRS-scores of 7-10
III	<i>or</i> Discontinuation of stimulation due to severe pain

Intensity grading of temporal summation phenomena (N [no summation phenomena], I-III) evoked by repetitive dynamic stimulation with brush (stroke rate 2-3 cm/s; stroke distance 4-5 cm; 0.3 Hz) and static stimulation by polyamide monofilaments (one ordinal value below the mechanical MPT; 0.5 Hz). Perceived pain intensity was rated by NRS (numeric rating scale) every 15 s. The categories (N-III) represent successively increasing temporal summation phenomena.

Supplementary Table 3. Temporal summation phenomena

Category	TSP (brush)			TSP (filament)			TSP (brush + filament)			TSP	No TSP
	I	II	III	I	II	III	I	II	III	(total)	(total)
Before re-surgery	2	1	1	2	2	17	3	11	11	50	10
After re-surgery	1	0	0	4	7	19	2	0	4	37	23

Number of patients experiencing temporal summation phenomena (TSP) during stimulation with brush or polyamide monofilaments (filament) graded in category I-III (S3 Table). Patients experiencing temporal summation phenomena during both stimulations (brush + filament) were graded by calculating the mean of the two scores (I = 1; II = 2; III = 3).

Supplementary Table 4. Multiple linear regression models

2	Dependent variable	ΔAAS overall						
3	Regression type	Least squares						
4								
5	Model							
6	Analysis of Variance	SS	DF	MS	F (DFn, DFd)	P value		
7	Regression	73.91	3	24.64	F (3, 52) = 0.7877	P=0.5062		
8	bRS PPT P-groin	25.45	1	25.45	F (1, 52) = 0.8138	P=0.3712		
9	bRS DTHS P-groin	46.65	1	46.65	F (1, 52) = 1.492	P=0.2275		
10	bRS STHS P-groin	15.78	1	15.78	F (1, 52) = 0.5046	P=0.4806		
11	Residual	1626	52	31.27				
12	Total	1700	55					
13								
14	Parameter estimates	Variable	Estimate	Standard error	95% CI (asymptotic)	 t 	P value	P value summary
15	β0	Intercept	-6.753	1.694	-10.15 to -3.352	3.985	0.0002	***
16	β1	bRS PPT P-groin	-0.8067	0.8942	-2.601 to 0.9877	0.9021	0.3712	ns
17	β2	bRS DTHS P-groin	0.3716	0.3043	-0.2389 to 0.9821	1.221	0.2275	ns
18	β3	bRS STHS P-groin	0.1691	0.2380	-0.3085 to 0.6467	0.7104	0.4806	ns
19								
20	Goodness of Fit							
21	Degrees of Freedom	52						
22	R squared	0.04347						

A multiple linear regression model was fitted, with the independent (predictor) variables; zDTH, zPPT, zHPT, and zSTHS all before re-surgery (bRS). The dependent (outcome) variable was ΔAAS-scores (overall activities). *** P -value < 0.001

2	Dependent variable	△AAS specific						
3	Regression type	Least squares						
4								
5	Model							
6	Analysis of Variance	SS	DF	MS	F (DFn, DFd)	P value		
7	Regression	80.31	3	26.77	F (3, 52) = 0.6461	P=0.5890		
8	bRS PPT P-groin	8.958	1	8.958	F (1, 52) = 0.2162	P=0.6439		
9	bRS DTHS P-groin	16.91	1	16.91	F (1, 52) = 0.4082	P=0.5257		
10	bRS STHS P-groin	53.84	1	53.84	F (1, 52) = 1.299	P=0.2595		
11	Residual	2155	52	41.43				
12	Total	2235	55					
13								
14	Parameter estimates	Variable	Estimate	Standard error	95% CI (asymptotic)	t	P value	P value summary
15	β_0	Intercept	-3.124	1.950	-7.038 to 0.7899	1.602	0.1153	ns
16	β_1	bRS PPT P-groin	-0.4786	1.029	-2.544 to 1.587	0.4650	0.6439	ns
17	β_2	bRS DTHS P-groin	0.2238	0.3502	-0.4790 to 0.9265	0.6389	0.5257	ns
18	β_3	bRS STHS P-groin	-0.3123	0.2740	-0.8620 to 0.2374	1.140	0.2595	ns
19								
20	Goodness of Fit							
21	Degrees of Freedom	52						
22	R squared	0.03593						

A multiple linear regression model was fitted, with the independent (predictor) variables; zDTH, zPPT, zHPT, and zSTHS all before re-surgery (bRS). The dependent (outcome) variable was △AAS-scores (specific activities).

2	Dependent variable	ΔNRS summed						
3	Regression type	Least squares						
4								
5	Model							
6	Analysis of Variance	SS	DF	MS	F (DFn, DFd)	P value		
7	Regression	12.56	3	4.185	F (3, 52) = 0.09816	P=0.9607		
8	bRS PPT P-groin	4.477	1	4.477	F (1, 52) = 0.1050	P=0.7472		
9	bRS DTHS P-groin	4.658	1	4.658	F (1, 52) = 0.1092	P=0.7423		
10	bRS STHS P-groin	4.767	1	4.767	F (1, 52) = 0.1118	P=0.7394		
11	Residual	2217	52	42.64				
12	Total	2230	55					
13								
14	Parameter estimates	Variable	Estimate	Standard error	95% CI (asymptotic)	 t 	P value	P value summary
15	β_0	Intercept	-5.883	1.979	-9.853 to -1.913	2.973	0.0045	**
16	β_1	bRS PPT P-groin	0.3384	1.044	-1.757 to 2.434	0.3241	0.7472	ns
17	β_2	bRS DTHS P-groin	-0.1174	0.3553	-0.8303 to 0.5955	0.3305	0.7423	ns
18	β_3	bRS STHS P-groin	-0.09293	0.2779	-0.6506 to 0.4647	0.3344	0.7394	ns
19								
20	Goodness of Fit							
21	Degrees of Freedom	52						
22	R squared	0.005631						

A multiple linear regression model was fitted, with the independent (predictor) variables; zDTH, zPPT, zHPT, and zSTHS all before re-surgery (bRS). The dependent (outcome) variable was ΔNRS-score (the sum of the at rest, average, and maximal pain intensity scores). **
P-value < 0.01

Supplementary Table 5. Excel spreadsheet Data repository

B-RS = Before re-surgery (red)
A-RS = After re-surgery (green)
CL-groin = Contralateral groin
P-groin = Painful groin
MDT = Mechanical Detection Threshold (ordinal values [cf. main text])
CDT = Cool Detection Threshold (C°)
WDT = Warmth Detection Threshold (C°)
PPT = Pressure Pain Threshold (kPa)
HPT = Heat Pain Threshold (C°)
STHS = Suprathreshold Heat Stimulus (NRS-score/s [cf. main text])
AAS = Activities Assessment Scale [4 - 20]: specific + overall activities
NRS = Numeric Rating Scale [0 – 10]: at rest; average; maximal

B-RS MDT (median)			
NO	MDT arm	MDT CL-groin	MDT P-groin
1	3,61	3,96	4,08
2	3,42	3,84	5,46
3	3,84	4,17	4,17
4	Missing	6,10	7,00
5	2,83	3,61	3,84
6	2,83	2,83	2,44
7	Missing	3,84	3,61
8	1,65	2,83	3,22
9	3,61	3,22	4,17
10	Missing	2,83	4,93
11	Missing	3,84	4,91
12	Missing	3,61	4,65
13	Missing	3,84	4,44
14	3,03	3,61	4,56
15	Missing	3,42	4,31
16	3,84	4,17	4,13
17	Missing	3,22	4,08
18	3,22	2,83	3,61
19	Missing	3,73	3,84
20	Missing	3,73	5,88
21	Missing	3,96	5,18
22	2,83	3,42	4,74
23	2,36	3,03	4,53
24	3,22	3,73	3,22
25	3,42	2,83	3,96
26	3,42	3,73	4,74
27	3,42	3,42	4,24
28	3,96	3,73	4,74
29	3,73	3,73	4,65
30	2,05	3,03	2,64
31	Missing	3,61	3,61
32	3,22	3,84	3,22
33	Missing	3,22	3,84
34	3,61	4,13	3,84
35	Missing	4,08	4,08
36	Missing	3,61	4,13
37	3,61	3,61	4,56
38	3,96	4,44	5,88
39	3,61	4,13	4,84
40	Missing	3,61	4,93
41	3,61	2,83	4,56
42	2,83	1,65	4,65
43	3,84	4,93	4,31
44	3,85	3,96	4,74
45	3,61	3,84	4,31
46	2,36	4,08	5,18
47	2,36	3,22	4,56
48	3,61	4,13	3,84
49	3,61	3,84	4,56
50	Missing	3,84	4,56
51	2,40	2,83	5,13
52	3,96	4,08	5,67
53	Missing	3,84	6,65
54	1,65	3,42	3,03
55	Missing	3,61	5,46
56	3,73	3,22	3,96
57	3,22	2,44	4,08
58	Missing	2,83	4,31
59	Missing	4,08	4,17
60	2,83	4,13	5,07

B-RS WDT (mean)			
NO	WDT arm	WDT CL-groin	WDT P-groin
1	6,50	5,10	5,20
2	7,23	7,47	17,17
3	4,10	5,07	6,53
4	Missing	4,97	4,77
5	1,73	4,60	6,00
6	1,97	1,87	3,30
7	Missing	3,87	4,07
8	2,57	4,47	3,27
9	2,50	2,47	5,93
10	Missing	3,57	10,43
11	Missing	6,83	6,07
12	Missing	2,37	14,67
13	Missing	4,77	5,60
14	Missing	5,30	8,87
15	Missing	2,73	14,37
16	2,73	2,63	3,80
17	Missing	3,97	7,40
18	5,83	4,80	9,40
19	Missing	6,27	6,77
20	Missing	2,40	12,10
21	Missing	4,07	18,00
22	1,93	5,03	18,00
23	4,70	5,13	11,17
24	2,77	3,27	4,37
25	2,77	2,27	4,40
26	3,17	4,03	6,23
27	3,07	2,47	11,33
28	2,37	2,90	18,10
29	4,40	5,37	14,57
30	4,27	3,53	2,90
31	Missing	2,27	4,40
32	1,93	3,10	16,70
33	Missing	2,37	2,13
34	4,53	4,70	4,07
35	Missing	8,93	4,67
36	Missing	3,63	5,60
37	5,33	4,30	4,70
38	3,43	3,47	5,90
39	3,47	3,63	6,20
40	Missing	2,67	6,63
41	3,30	4,00	19,00
42	2,43	1,97	14,30
43	4,50	17,60	14,97
44	3,17	5,17	6,40
45	3,43	3,07	14,10
46	3,73	3,43	9,07
47	3,67	3,33	6,33
48	3,03	3,07	4,73
49	1,68	3,23	6,63
50	12,93	5,63	12,60
51	2,47	6,63	16,30
52	4,20	4,63	13,80
53	Missing	2,23	14,90
54	2,03	5,40	7,93
55	Missing	3,90	17,97
56	3,80	2,40	4,07
57	2,00	1,70	3,30
58	Missing	2,20	6,20
59	Missing	2,70	5,60
60	12,43	3,20	11,97

B-RS CDT (mean)			
NO	CDT arm	CDT CL-groin	CDT P-groin
1	1,40	2,75	3,10
2	1,80	3,40	25,60
3	1,30	3,13	2,33
4	Missing	4,77	6,30
5	1,37	1,80	7,67
6	1,87	1,09	2,23
7	Missing	2,13	3,03
8	1,08	3,07	2,27
9	1,97	1,69	8,60
10	Missing	3,10	3,73
11	Missing	1,87	3,40
12	Missing	1,27	3,90
13	Missing	1,76	5,50
14	Missing	1,17	3,70
15	Missing	1,87	13,23
16	1,00	2,40	1,63
17	Missing	2,03	5,07
18	1,27	2,27	2,97
19	Missing	3,30	3,10
20	Missing	1,07	27,40
21	Missing	5,70	27,00
22	1,03	1,67	28,00
23	3,57	6,00	11,30
24	1,52	1,60	1,87
25	1,13	1,83	3,23
26	2,20	1,83	3,63
27	1,27	1,50	2,93
28	1,20	1,70	28,00
29	2,67	3,23	7,73
30	2,67	2,43	1,70
31	Missing	1,97	1,90
32	1,13	1,43	3,80
33	Missing	1,90	2,57
34	1,37	1,15	1,45
35	Missing	3,40	2,03
36	Missing	2,63	4,73
37	2,13	1,70	1,93
38	2,53	2,73	7,80
39	2,23	2,73	2,87
40	Missing	4,07	6,83
41	1,90	1,60	13,70
42	1,37	1,07	3,77
43	2,33	10,87	7,40
44			

B-RS PPT (median)			
NO	PPT arm	PPT CL-groin	PPT P-groin
1	203	229	87
2	350	198	60
3	311	129	17
4	Missing	117	86
5	197	164	5
6	146	55	75
7	Missing	201	75
8	129	117	101
9	291	154	90
10	Missing	350	64
11	Missing	147	176
12	Missing	227	63
13	Missing	236	108
14	350	82	55
15	Missing	267	132
16	350	117	113
17	Missing	135	58
18	350	128	98
19	Missing	137	67
20	Missing	294	245
21	Missing	120	47
22	305	181	51
23	350	235	127
24	351	181	58
25	351	335	91
26	351	260	113
27	294	183	39
28	351	202	111
29	351	308	177
30	122	82	75
31	Missing	193	126
32	222	244	77
33	Missing	262	98
34	174	264	254
35	Missing	224	91
36	Missing	213	86
37	351	172	159
38	292	188	62
39	351	213	166
40	Missing	259	130
41	351	253	63
42	351	196	131
43	351	206	176
44	351	94	54
45	351	140	238
46	240	151	143
47	351	328	53
48	351	157	68
49	351	201	111
50	181	245	63
51	351	351	172
52	215	139	287
53	Missing	110	51
54	250	141	58
55	Missing	294	227
56	351	155	54
57	56	75	42
58	Missing	195	82
59	Missing	180	108
60	351	351	132

B-RS STHS (NRS-score/s)			
NO	STHS arm	STHS CL-groin	STHS P-groin
1	0,67	0,83	1,00
2	1,33	1,00	0,17
3	1,33	1,67	0,17
4	Missing	0,67	0,67
5	0,50	0,50	1,17
6	6,00	6,00	6,00
7	Missing	0,83	1,00
8	1,67	1,67	1,83
9	11,00	11,00	11,00
10	Missing	1,67	10,00
11	Missing	1,83	0,17
12	Missing	2,00	0,17
13	Missing	10,00	1,00
14	2,00	0,33	0,33
15	Missing	1,17	1,50
16	1,00	0,67	1,17
17	Missing	2,00	3,00
18	1,17	1,17	1,00
19	Missing	0,83	1,33
20	Missing	1,67	0,33
21	Missing	1,50	0,50
22	1,67	1,33	1,50
23	1,50	1,50	0,33
24	2,33	6,00	2,33
25	3,00	1,50	9,00
26	9,00	9,00	9,00
27	1,67	1,67	1,83
28	7,00	8,00	0,17
29	5,50	2,75	0,17
30	1,50	8,00	9,00
31	Missing	1,67	1,67
32	10,00	9,00	10,00
33	Missing	1,00	1,17
34	1,33	1,33	1,00
35	Missing	0,67	0,67
36	Missing	1,50	6,00
37	0,50	0,83	2,00
38	1,17	4,00	8,00
39	1,00	1,50	1,67
40	Missing	1,33	1,17
41	1,00	1,17	10,00
42	1,00	1,25	3,00
43	1,50	1,33	1,67
44	1,17	1,33	1,83
45	0,83	1,00	0,17
46	4,50	11,00	0,17
47	1,43	25,50	3,67
48	0,33	7,00	10,00
49	1,33	1,67	1,17
50	1,00	1,00	1,67
51	1,00	0,67	0,17
52	1,67	1,50	1,67
53	Missing	1,17	1,50
54	7,00	7,00	0,83
55	Missing	0,66	5,55
56	1,50	1,83	1,33
57	Missing	1,00	1,00
58	Missing	0,83	0,33
59	Missing	1,33	0,83
60	0,67	1,00	0,17

B-RS AAS [4 - 20]		
NO	Specific	Overall
1	5	9
2	13	12
3	13	15
4	15	17
5	10	10
6	10	9
7	7	5
8	11	13
9	15	13
10	11	12
11	6	12
12	7	11
13	10	12
14	14	13
15	14	20
16	14	14
17	10	11
18	7	11
19	8	9
20	8	10
21	14	14
22	12	10
23	12	17
24	13	14
25	12	14
26	15	12
27	9	12
28	12	15
29	19	17
30	15	20
31	11	12
32	9	14
33	15	13
34	16	15
35	12	13
36	17	20
37	11	20
38	6	5
39	7	9
40	12	14
41	10	15
42	10	14
43	10	8
44	13	11
45	16	Missing
46	16	13
47	16	11
48	13	8
49	12	16
50	12	11
51	9	10
52	7	7
53	15	15
54	11	10
55	14	14
56	11	20
57	13	14
58	7	8
59	11	4
60	14	11

B-RS NRS [0 -10]			
NO	At rest	Average	Maximal
1	5	7	8
2	6	8	10
3	6	7	10
4	7	7	9
5	4	6	10
6	2	3	5
7	8	8	10
8	3	5	9
9	10	8	9
10	6	8	8
11	10	10	10
12	5	5	7
13	4	5	8
14	7	7	10
15	6	6	10
16	4	4	9
17	1	3	6
18	7	7	8
19	5	5	5
20	7	6	8
21	2	8	10

B-RS CDT (mean)			
NO	CDT arm	CDT CL-groin	CDT P-groin
1	Missing	2,40	4,10
2	Missing	3,27	Missing
3	Missing	3,80	Missing
4	4,27	11,10	Missing
5	1,37	3,03	28,00
6	0,87	2,07	28,00
7	Missing	1,93	3,47
8	1,50	2,80	9,67
9	1,83	2,07	4,47
10	Missing	5,50	11,90
11	Missing	2,43	5,90
12	Missing	1,27	1,83
13	Missing	1,77	8,50
14	Missing	2,10	9,20
15	Missing	2,97	16,20
16	Missing	6,10	4,90
17	Missing	1,60	4,13
18	Missing	1,63	6,37
19	Missing	1,80	3,33
20	Missing	1,37	1,50
21	Missing	2,17	23,00
22	1,47	1,20	15,17
23	2,00	2,93	26,30
24	1,23	1,17	4,00
25	1,30	1,90	28,00
26	4,27	4,47	28,00
27	0,83	1,37	8,00
28	2,03	2,03	2,00
29	1,40	2,43	7,03
30	1,87	2,10	3,23
31	1,13	2,63	25,23
32	0,77	1,03	28,00
33	Missing	2,13	28,00
34	Missing	1,57	2,70
35	Missing	4,57	16,83
36	1,60	6,40	20,57
37	1,27	1,67	11,97
38	2,53	2,73	7,80
39	1,43	3,40	28,00
40	Missing	1,50	28,00
41	Missing	2,47	4,53
42	1,33	3,23	15,03
43	2,47	8,23	12,77
44	2,63	4,47	3,70
45	0,97	2,43	28,00
46	1,70	3,33	28,00
47	2,60	2,27	4,27
48	1,13	1,57	2,63
49	1,27	2,13	13,77
50	Missing	3,70	10,27
51	1,43	3,13	3,83
52	5,30	2,07	9,50
53	1,43	3,87	3,63
54	0,53	1,60	10,43
55	Missing	3,20	28,00
56	1,20	2,07	4,00
57	0,90	2,10	28,00
58	Missing	2,07	15,70
59	2,30	2,20	28,00
60	1,13	1,27	15,87

A-RS HPT (median)			
NO	HPT arm	HPT CL-groin	HPT P-groin
1	Missing	14,80	17,80
2	Missing	11,70	5,10
3	Missing	8,30	14,90
4	16,00	18,00	18,00
5	7,12	9,70	18,00
6	4,90	8,30	Missing
7	Missing	12,60	16,60
8	5,80	6,40	16,00
9	4,10	5,80	8,10
10	Missing	8,30	15,60
11	Missing	9,80	16,60
12	Missing	7,30	6,70
13	Missing	11,30	17,60
14	Missing	12,20	18,00
15	Missing	10,00	17,20
16	Missing	15,60	10,30
17	Missing	15,00	19,00
18	Missing	11,40	18,00
19	Missing	9,30	10,60
20	Missing	14,10	15,20
21	Missing	13,10	19,00
22	8,20	8,10	18,00
23	14,90	13,20	18,00
24	6,70	8,60	18,00
25	11,00	3,40	18,10
26	11,20	13,70	18,10
27	13,80	12,80	16,50
28	5,50	4,50	5,30
29	14,90	13,40	18,10
30	7,60	11,90	15,30
31	5,70	7,90	18,00
32	12,60	7,60	16,40
33	Missing	12,10	18,00
34	Missing	11,00	9,00
35	Missing	16,70	18,00
36	8,90	6,80	18,00
37	8,20	7,80	18,00
38	15,50	9,00	9,30
39	18,00	16,50	18,00
40	Missing	11,10	18,00
41	Missing	14,10	16,40
42	5,70	11,40	13,50
43	12,30	17,60	18,00
44	13,30	15,10	13,50
45	12,70	11,80	18,00
46	14,20	8,20	18,10
47	11,10	12,40	16,80
48	15,60	12,30	16,70
49	17,60	17,70	18,10
50	Missing	12,50	16,50
51	10,40	11,70	15,10
52	8,10	8,90	15,20
53	3,90	7,10	16,80
54	10,00	9,40	17,90
55	Missing	8,00	18,00
56	12,60	7,80	18,00
57	Missing	11,80	18,00
58	16,10	10,30	18,00
59	16,60	10,20	18,00
60	17,00	18,00	18,00

A-RS PPT (median)			
NO	PPT arm	PPT CL-groin	PPT P-groin
1	Missing	200	350
2	Missing	178	217
3	Missing	350	69
4	350	350	350
5	196	150	34
6	119	114	29
7	Missing	135	73
8	139	136	142
9	181	134	128
10	Missing	243	81
11	Missing	179	130
12	Missing	291	145
13	Missing	224	127
14	Missing	152	64
15	Missing	195	110
16	Missing	320	73
17	Missing	165	232
18	Missing	162	72
19	Missing	178	120
20	Missing	228	85
21	Missing	109	39
22	350	227	138
23	350	201	131
24	351	256	101
25	351	148	46
26	351	351	147
27	351	142	115
28	351	293	114
29	351	305	121
30	170	80	90
31	351	163	177
32	351	138	22
33	Missing	291	155
34	Missing	180	128
35	Missing	102	133
36	351	280	168
37	315	172	159
38	264	77	29
39	310	351	351
40	Missing	294	160
41	Missing	175	77
42	195	115	99
43	351	332	351
44	351	184	137
45	Missing	Missing	Missing
46	351	246	205
47	351	114	116
48	351	116	78
49	351	351	132
50	Missing	269	184
51	351	351	191
52	231	174	117
53	351	235	17
54	300	95	71
55	Missing	276	236
56	351	155	144
57	121	115	30
58	Missing	263	213
59	351	107	82
60	351	238	104

A-RS STHS (NRS-score/s)			
NO	STHS arm	STHS CL-groin	STHS P-groin