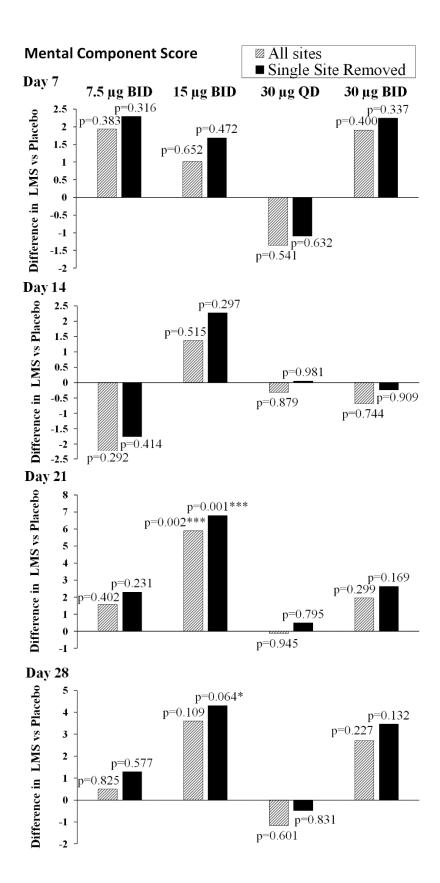
Toxins 2021, 13, 235 S1 of S30

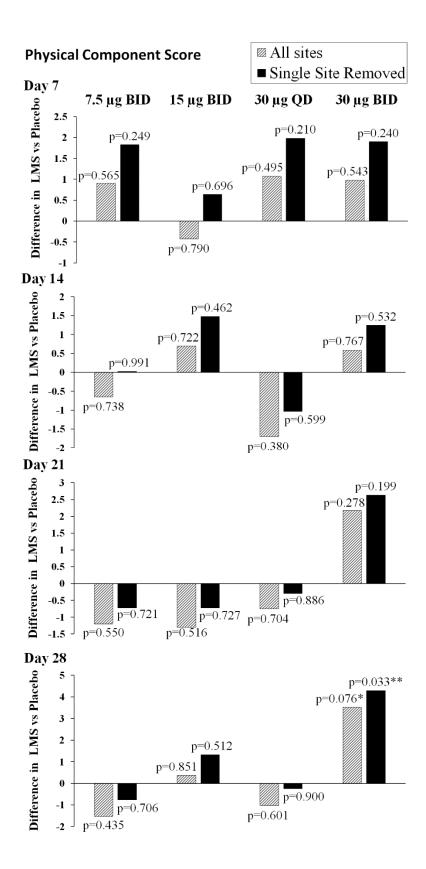
Supplementary Materials: Tetrodotoxin for Chemotherapy-Induced Neuropathic Pain: A Randomized, Double-Blind, Placebo-Controlled, Parallel-Dose Finding Trial

Samuel A. Goldlust, Mojgan Kavoosi, Jennifer Nezzer, Mehran Kavoosi, Walter Korz and Kenneth Deck

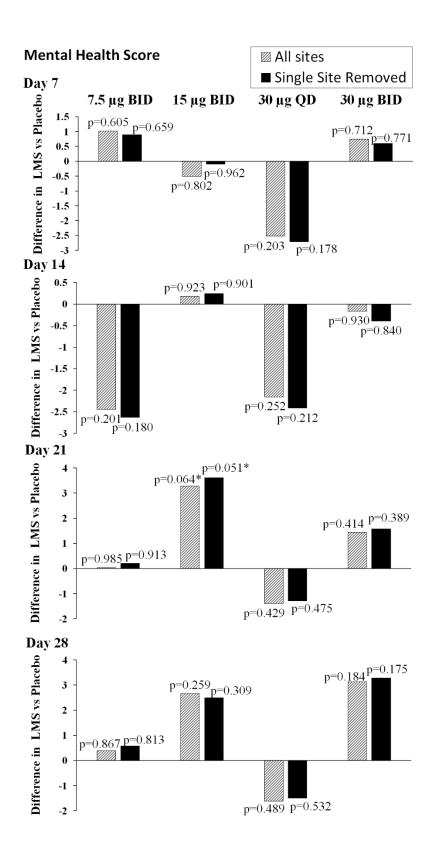
Toxins 2021, 13, 235 S2 of S30



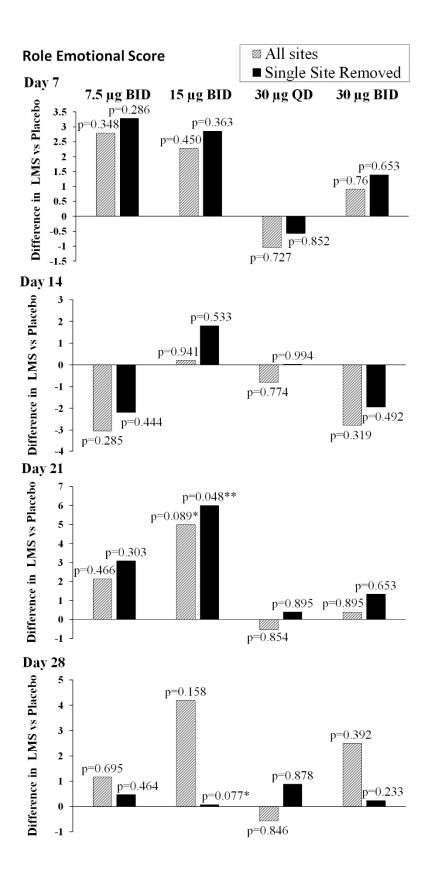
Toxins 2021, 13, 235 S3 of S30



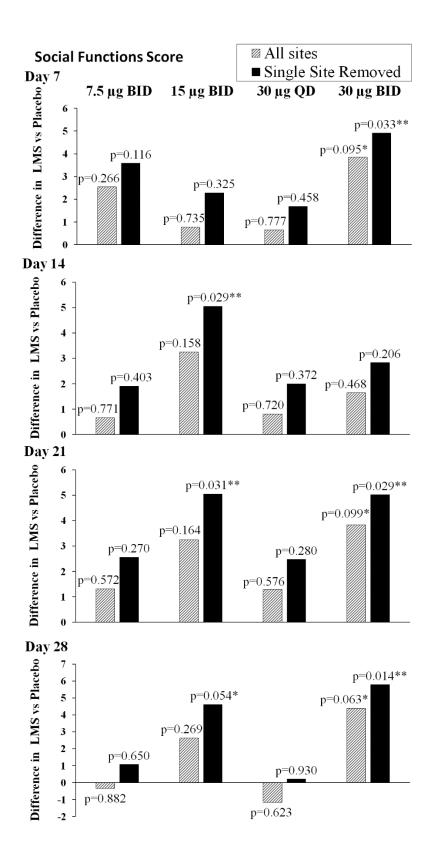
Toxins 2021, 13, 235 S4 of S30



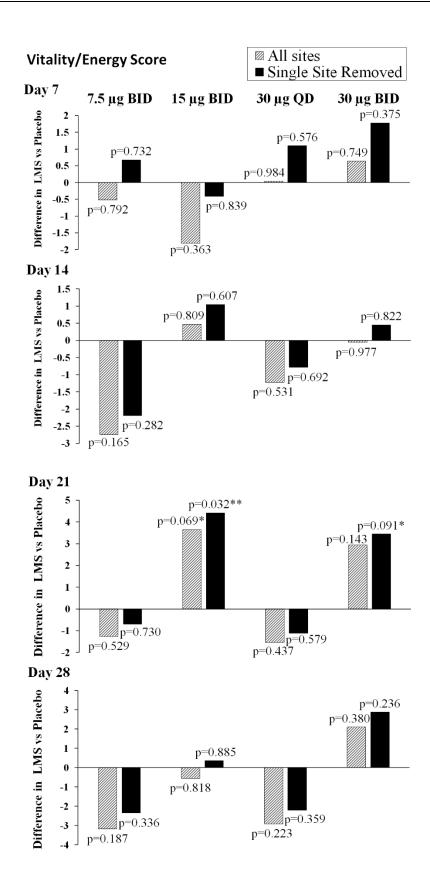
Toxins 2021, 13, 235 S5 of S30



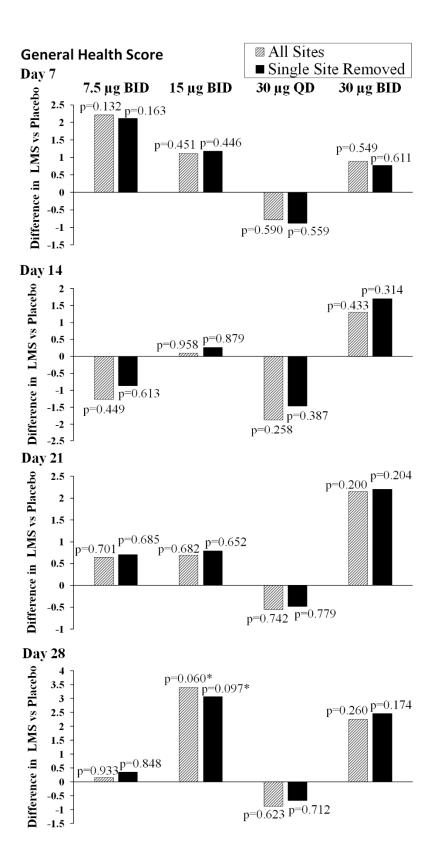
Toxins 2021, 13, 235 S6 of S30



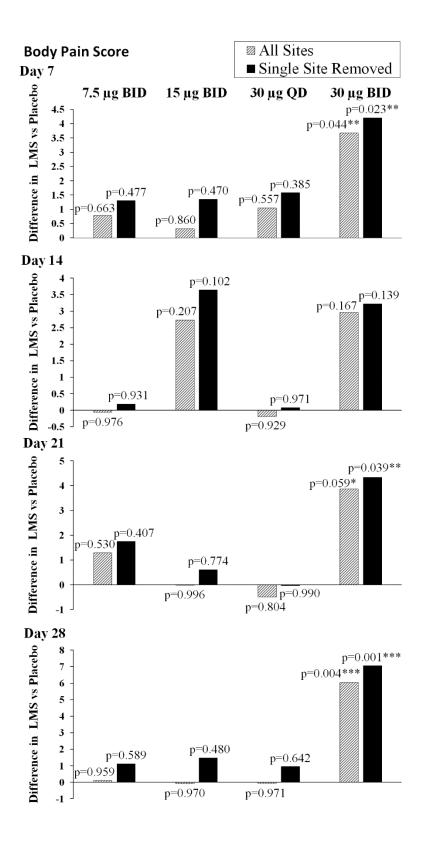
Toxins 2021, 13, 235 S7 of S30



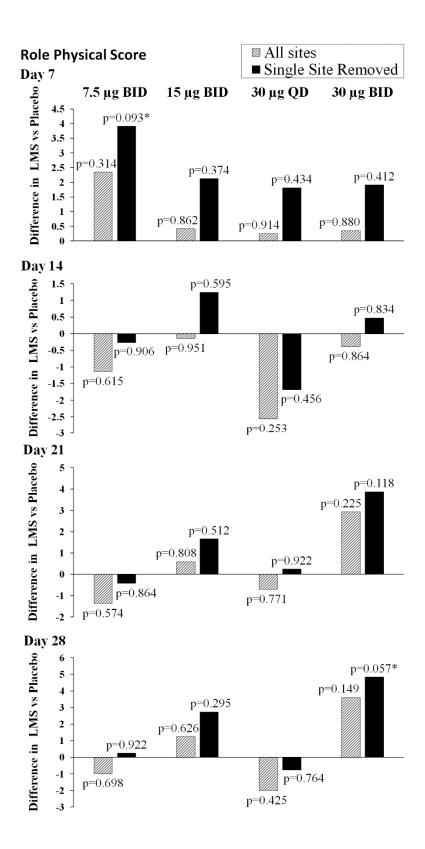
Toxins 2021, 13, 235 S8 of S30



Toxins 2021, 13, 235 S9 of S30



Toxins 2021, 13, 235 S10 of S30



Toxins 2021, 13, 235 S11 of S30

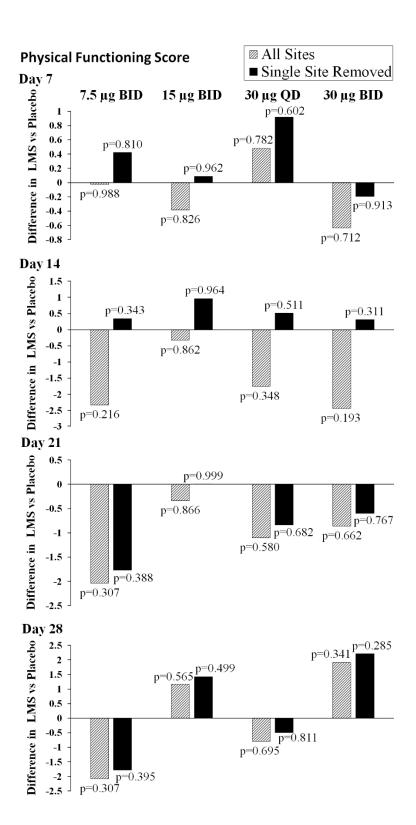
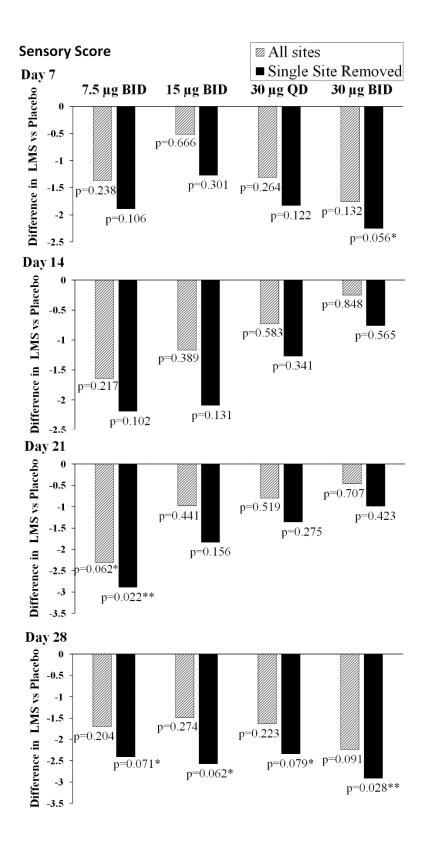
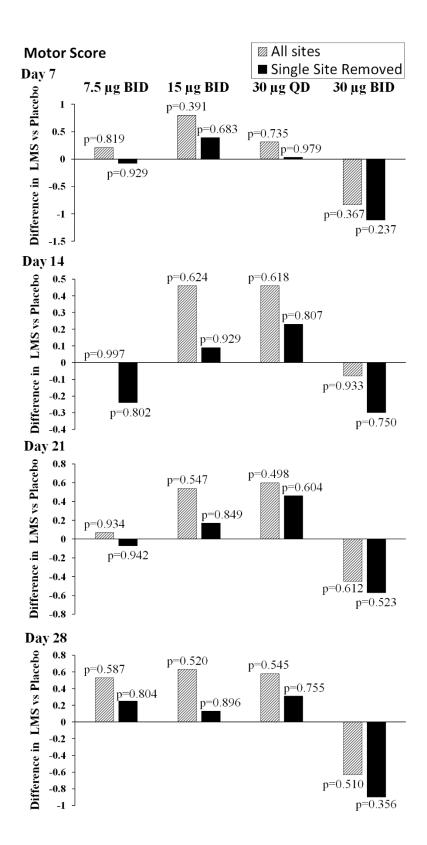


Figure S1. SF-36 Secondary Outcome Measures. The least squares mean (LMS) differences (treatment—placebo) from baseline to Day 7, Day 14, Day 21, and Day 28 are shown. P-values for the difference in means are shown with * indicates p < 0.1, ** indicates p < 0.05, and *** indicates p < 0.01.

Toxins 2021, 13, 235 S12 of S30



Toxins 2021, 13, 235 S13 of S30



Toxins 2021, 13, 235 S14 of S30

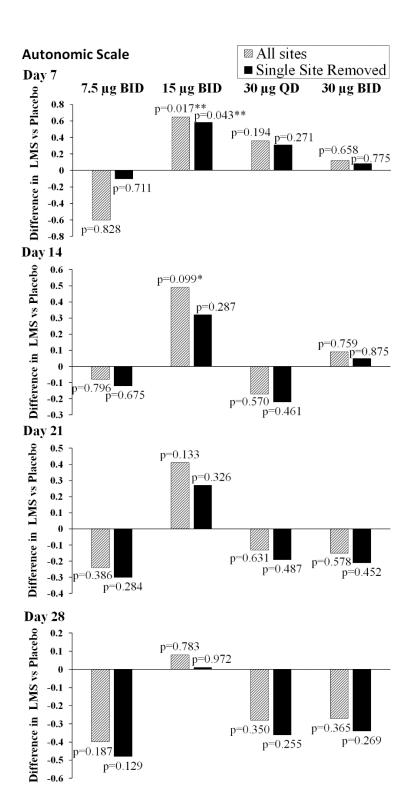


Figure S2: EORTC CIPN20 Secondary Outcome Measures. The least squares mean (LMS) differences (treatment – placebo) from baseline to Day 7, Day 14, Day 21, and Day 28 are shown. P-values for the difference in means are shown with * indicates p < 0.1, ** indicates p < 0.05, and *** indicates p < 0.01.

Toxins 2021, 13, 235 S15 of S30

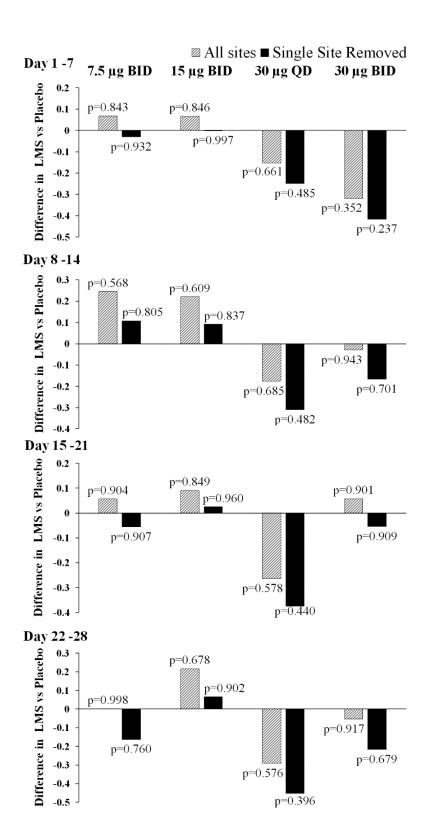


Figure S3: Numerical Pain Rating Scale (NPRS) Scores. The change from baseline in average least squares mean (LMS) differences (treatment – placebo) for each week are shown. P-values represent the significant difference from placebo.

Toxins 2021, 13, 235 S16 of S30

Table S1: Patient Global Impression of Change (PGIC) at Day 28

		TTX	(Dosage		
	7.5 µg BID	15 µg BID	30 μg QD	30 μg BID	Placebo
C' (' 11' (1	(N=25)	(N=24)	(N = 25)	(N = 26)	(N=25)
Since starting this study:	n (%)	n (%)	n (%)	n (%)	n (%)
Overall QoL:	0	0	0	0	1 (4 00/)
Very much worse	0 0	0 0	0 1 (4.0%)	0	1 (4.0%) 1 (4.0%)
Moderately worse A little worse	_		2 (8.0%)	1 (3.8%)	1 (4.0%)
About the same	1 (4.0%) 11 (44.0%)	2 (8.3%) 8 (33.3%)	9 (36.0%)	1 (3.8%) 9 (34.6%)	9 (36.0%)
A little better	5 (20.0%)	5 (20.8%)	2 (8.0%)	2 (7.7%)	5 (20.0%)
Moderately better	5 (20.0%)	6 (25.0%)	6 (24.0%)	10 (38.5%)	5 (20.0%)
Very much better	1 (4.0%)	3 (12.5%)	3 (12.0%)	2 (7.7%)	4 (16.0%)
<i>p</i> -value ^a	0.148	0.402	0.927	1.000	4 (10.070)
Physical Condition:	0.140	0.402	0.727	1.000	
Very much worse	0	0	0	0	0
Moderately worse	0	1 (4.2%)	1 (4.0%)	0	2 (8.0%)
A little worse	1 (4.0%)	1 (4.2%)	1 (4.0%)	2 (7.7%)	0
About the same	13 (52.0%)	8 (33.3%)	10 (40.0%)	8 (30.8%)	11 (44.0%)
A little better	3 (12.0%)	8 (33.3%)	3 (12.0%)	5 (19.2%)	5 (20.0%)
Moderately better	5 (20.0%)	4 (16.7%)	5 (20.0%)	9 (34.6%)	3 (12.0%)
Very much better	1 (4.0%)	2 (8.3%)	3 (12.0%)	1 (3.8%)	4 (16.0%)
<i>p</i> -value ^a	0.433	0.219	0.943	0.385	1 (10.070)
Emotional State:		0.219	0.5 10	0.000	
Very much worse	0	1 (4.2%)	1 (4.0%)	0	0
Moderately worse	0	0	0	1 (3.8%)	0
A little worse	0	0	1 (4.0%)	0	4 (16.0%)
About the same	17 (68.0%)	15 (62.5%)	14 (56.0%)	12 (46.2%)	11 (44.0%)
A little better	3 (12.0%)	5 (20.8%)	2 (8.0%)	4 (15.4%)	4 (16.0%)
Moderately better	2 (8.0%)	2 (8.3%)	4 (16.0%)	3 (11.5%)	2 (8.0%)
Very much better	1 (4.0%)	1 (4.2%)	1 (4.0%)	5 (19.2%)	4 (16.0%)
<i>p</i> -value ^a	0.982	0.898	0.451	0.370	4 (10.0 %)
Enjoy Social Life:	0.702	0.070	0.401	0.070	
Very much worse	0	0	0	0	0
Moderately worse	0	0	0	0	1 (4.0%)
A little worse	0	0	0	1 (3.8%)	1 (4.0%)
About the same	16 (64.0%)	15 (62.5%)	15 (60.0%)	12 (46.2%)	12 (48.0%)
A little better	2 (8.0%)	5 (20.8%)	3 (12.0%)	3 (11.5%)	4 (16.0%)
Moderately better	4 (16.0%)	3 (12.5%)	3 (12.0%)	5 (19.2%)	3 (12.0%)
Very much better	1 (4.0%)	1 (4.2%)	2 (8.0%)	4 (15.4%)	4 (16.0%)
<i>p</i> -value ^a	0.612	0.218	0.636	0.849	, ,
Numbness, Tingling or Pair	n in Hands or Fee	et:			
Very much worse	0	0	1 (4.0%)	1 (3.8%)	1 (4.0%)
Moderately worse	0	1 (4.2%)	2 (8.0%)	1 (3.8%)	2 (8.0%)
A little worse	1 (4.0%)	2 (8.3%)	1 (4.0%)	3 (11.5%)	0
About the same	10 (40.0%)	8 (33.3%)	8 (32.0%)	6 (23.1%)	9 (36.0%)

Toxins 2021, 13, 235 S17 of S30

A little better	4 (16.0%)	7 (29.2%)	3 (12.0%)	5 (19.2%)	7 (28.0%)
Moderately better	6 (24.0%)	6 (25.0%)	3 (12.0%)	6 (23.1%)	2 (8.0%)
Very much better	2 (8.0%)	0	5 (20.0%)	3 (11.5%)	4 (16.0%)
<i>p</i> -value ^a	0.691	0.165	0.342	1.000	
Believe Receiving Active A	gent:				
Yes	15 (60.0%)	15 (62.5%)	14 (56.0%)	22 (84.6%)	13 (52.0%)
No	8 (32.0%)	9 (37.5%)	8 (32.0%)	3 (11.5%)	12 (48.0%)

QoL: quality of life; BID: twice daily; QD: once daily; *n*: number of subjects. ^a Nominal *p*-values were obtained from Cochran-Mantel-Haenszel tests for comparing difference between active treatment and placebo cohorts.

Table S2: Study Adverse Events

-	T	ГХ	T	ГХ	Т	TX	Т	TX			
	7.5 µ	g BID	15 μ <u>գ</u>	g BID	30 µ	ıg QD	30 μ	g BID	Pla	cebo	
System Organ Class			(N =			= 25)		= 26)	(N	= 25)	
Preferred Term	n (%)	n (%)	n	(%)	n	(%)	n	(%)	
Number of Subjects	21 (8-	4.0%)	22 (9	1.7%)	20 (8	80.0%)	24 (9	92.3%)	18 (7	72.0%)	
with ≥1 AE											
Nervous system disc											
Paraesthesia oral	4 (16.0%)		9 (37	,	10 (4	40.0%)	11 (4	12.3%)	3 (1	2.0%)	
	3× Mild	2× Possibly	8× Mild	6× Possibly	10× Mild	3× Possibly	11× Mild		3× Mild	2× Possibly	
	1× Moderate	2× Related	1× Moderate 3× Related			7× Related		5× Possibly 4× Related		1× Related	
Hypoaesthesia oral	5 (20	0.0%)	7 (29	0.2%)	6 (2	4.0%)	10 (3	38.5%)	3 (1	2.0%)	
	4× Mild	4× Possibly	6× Mild	5× Possibly	6× Mild	3× Possibly	9× Mild	1× Not Related	3× Mild	2× Possibly	
	1× Moderate	1× Related	1× Moderate	2× Related		3× Related	1× Moderate	3× Possibly 6× Related		1× Related	
Paraesthesia	5 (20.0%)		7 (29	0.2%)	5 (2	0.0%)	7 (2	6.9%)	6 (2	4.0%)	
	4× Mild	1× Possibly	6× Mild	5× Possibly	5× Mild	1× Not Related	6× Mild	1× Not Related	5× Mild	1× Not Related	
	1× Moderate	4× Related	1× Moderate	2× Related		4× Related	1× Severe	3× Possibly 3× Related	1× Moderate	4× Possibly 1× Related	
Headache	6 (24	.0%)	3 (12.5%)		1 (4.0%)		9 (34.6%)		5 (20.0%)		
	5× Mild	2× Unlikely	3 × Mild	1× Unlikely	1× Mild	1× Not Related	8× Mild	4× Not Related	4× Mild	4× Possibly	
	1× Moderate	3× Possibly		1× Possibly			1× Moderate	2× Possibly	1× Moderate	1× Related	
		1× Related		1× Related				3× Related			
Dizziness	3 (12	2.0%)	4 (16	5.7%)	3 (1	2.0%)	8 (3	0.8%)	5 (2	0.0%)	
	3× Mild	3× Possibly	4× Mild	4× Possibly	3× Mild	1× Not Related	8× Mild	1× Not Related	4× Mild	1× Not Related	
						1× Possibly		4× Possibly	1× Moderate	1× Unlikely	
						1× Related		3× Related		2× Possibly	
-										1× Related	
Hypoaesthesia	2 (8	,	1 (4	,		3.0%)		3.8%)	,	3.0%)	
	1× Mild	2× Related	1× Mild	1× Possibly	1× Mild	2× Related	1× Mild	1× Possibly	1× Mild	2× Not Related	
	1× Moderate					1× Moderate				1× Moderate	
Dysgeusia	2 (8	2 (8.0%))	2 (8	8.0%)	3 (1	1.5%)	0		

	2× Mild	2× Related			2× Mild	1× Not Related 1× Possibly	3× Mild	1× Not Related 1× Possibly 1× Related		
Burning sensation		0	1 (4	1.2%)	1 (4.0%)	2 (7.7%)	2 (8	8.0%)
Ü			1× Mild			1× Possibly	1× Mild 1× Severe	1× Possibly	2× Mild	,
Hypoaesthesia facial	1 (4	.0%)	1 (4.2%)		2 (8.0%)		0	1 (4.0%)	
	1× Mild	1× Related	1× Mild	1× Possibly	2× Mild	1× Possibly 1× Related			1× Mild	1× Possibly
Oral dysaesthesia	1 (4	.0%)	1 (4	1.2%)	1 (4.0%)	2 (7.7%)		0
·	1× Mild	1× Related	1× Mild	1× Related	1× Mild	1× Related	2× Mild	2× Not Related		
Somnolence	1 (4	.0%)		0		0	1 (3	3.8%)	2 (8	8.0%)
	1× Mild	,					1× Mild	1× Related	2× Mild	2× Possibly
Hyperaesthesia	1 (4	.0%)		0		0	1 (3	3.8%)	1 (4	4.0%)
71	1× Moderate	,						1× Possibly	1× Mild	
Neuropathy peripheral	0		1 (4.2%)		0		2 (7.7%)		0
			1× Mild	1× Related			2× Moderate	1× Not Related 1× Related		
Pharyngeal hypoaesthesia	1 (4	.0%)		0	1 (4.0%)	1 (3	3.8%)		0
7 F	1× Mild	1× Related			1× Mild	1× Related	1× Mild	1× Not Related		
Hypoaesthesia teeth		0		0		0		7.7%)		0
							2× Mild	2× Possibly		
Neuralgia	`	.0%)		0		0		3.8%)		0
		1× Not Related					1× Moderate			
Peripheral sensory neuropathy		0		0	1 (4.0%)	1 (3	3.8%)		0
1 ,					1× Moderate	1× Not Related	1× Moderate	1× Related		
Sensory disturbance		0	1 (4 1× Mild	1.2%) 1× Unlikely		0		0	1 (4 1× Mild	4.0%) 1× Possibly

Amnesia		0		0	1	(4.0%)		0		0
Timesia					1× Mild	1× Not Related				O
Ata×ia		0		0		0	1 (3	3.8%)		0
							1× Moderate	1× Related		
Dysaesthesia		0		0	1	(4.0%)		0		0
					1× Mild	1× Related				
Dyscalculia		0		0		(4.0%)		0		0
					1× Mild	1× Not Related				
Head discomfort		0		0		0		3.8%)		0
							1× Mild	1× Related		
Hypersomnia		0		0		0	,	3.8%)		0
							1× Moderate			
Hyporefle×ia		0		0		0		0	,	.0%)
		_							1× Mild	1× Possibly
Lethargy		0		0		0		0	,	.0%)
		_							1× Moderate	
Motor dysfunction		0	,	4.2%)		0		0		0
		0	1× Mild	1× Possibly		2		0		0
Post-traumatic headache		0	1 (4	4.2%)		0		0		0
neadache			1× Mild	1× Not Related						
General disorders as	nd administrati	on site conditio		1× Not Related						
Fatigue		6.0%)		(0.8%)	5	(20.0%)	3 (1	1.5%)	4 (16	6.0%)
Tuilgue	4× Mild	1× Unlikely	4× Mild	1× Not Related	5× Mild	3× Not Related	3× Mild	,	3× Mild	2× Unlikely
		1× Possibly		3× Possibly		1× Unlikely			1× Moderate	2× Possibly
		2× Related		1× Related		1× Possibly		1× Possibly		· ·
Feeling hot	1 (4	1.0%)	1 (4	4.2%)	1	(4.0%)	2 (7.7%)	2 (8	.0%)
O	1× Mild	1× Related	1× Mild	1× Possibly		1× Possibly	2× Mild	,	2× Mild	2× Possibly
				Ž		•		1× Possibly		Ž
Pain	1 (4	1.0%)	2 (8	8.3%)	1	(4.0%)	1 (3	3.8%)	1 (4	.0%)
	1× Moderate	1× Related	2× Mild	1× Unlikely	1× Moderate	e 1× Not Related	1× Severe	1× Related	1× Mild	1× Not Related
				1× Possibly						
Feeling abnormal		0	1 (4	4.2%)	2	2 (8.0%)		1 (3.8%)		.0%)
			1× Mild	1× Possibly	2× Mild	2× Related	1× Mild	1× Possibly	1× Mild	1× Possibly
Injection site pain	2 (8	3.0%)	2 (8.3%)		0	1 (3	3.8%)		0

	2× Mild	2× Possibly	2× Mild	2× Possibly			1× Mild	1× Possibly		
Feeling drunk	1 (4.0%)	1 (4.2%)		0	1 (3.8%)	1 (4.0%)
, and the second	1× Mild	1× Possibly	1× Mild	1× Related			1× Mild	1× Related	1× Mild	1× Possibly
Oedema peripheral	1 (4.0%)	1 (4.2%)		0	1 (3.8%)	1 (4.0%)
	1× Mild	1× Not Related	1× Mild	1× Possibly			1× Mild	1× Not Related	1× Mild	1× Possibly
Chest discomfort		0	1 (4.2%)	1 (4	.0%)		0		0
			1× Mild	1× Related	1× Mild	1× Related				
Influenza like illness	0		0			0	2 (7.7%)		0
							1× Mild	1× Not Related		
							1× Moderate	1× Possibly		
Facial pain		0		0		0		0	1 (4.0%)
•									1× Mild	1× Possibly
Feeling cold	1 (4.0%)		0		0		0		0
	1× Mild	1× Possibly								
Gait disturbance	1 (4.0%)		0		0		0		0
	1× Mild	1× Possibly								
Injection site	1 (4.0%)			0		0		0		0
erythema										
	1× Mild	1× Possibly								
Local swelling		0		0		0	1 (3.8%)		0
							1× Mild	1× Not Related		
Therapeutic		0		0		0	1 (3.8%)		0
response										
unexpected										
							1× Mild	1× Possibly		
Gastrointestinal diso										
Nausea	1 (4.0%)	5 (2	20.8%)	1 (4	.0%)	6 (2	23.1%)	6 (2	24.0%)
	1× Moderate	1× Possibly	3× Mild	1× Not Related	1× Mild	1× Possibly	4× Mild	1× Unlikely	5× Mild	1× Not Related
			2× Moderate	3× Possibly			2× Moderate	3× Possibly	1× Moderate	1× Unlikely
				1× Related				2× Related		3× Possibly
										1× Related
Diarrhoea	2 (8.0%)	1 (4.2%)		0	2 (7.7%)		0
	2× Mild	1× Unlikely	1× Mild	1× Not Related			1× Mild	1× Unlikely		
		1× Possibly					1× Moderate	1× Related		

Abdominal	1	(4.0%)	1 (4.2%)		0	1 (3	3.8%)	1	(4.0%)
discomfort	1× Mild	1× Not Related	1× Moderate 1× Not Related			1× Mild	1× Possibly	1× Mild	1× Possibly
Constipation		0	1 (4.2%)	1	(4.0%)	1 (3	3.8%)		0
1			1× Moderate 1× Unlikely	1× Mild	1× Not Related	1× Mild	1× Related		
Abdominal	1	(4.0%)	0		0		0		(4.0%)
distension									
	1× Moderate	e 1× Not Related						1× Mild	1× Unlikely
Abdominal pain		(4.0%)	0		0	1 (3	3.8%)		0
	1× Mild	1× Unlikely				1× Mild	1× Not Related		
Abdominal pain upper	1	(4.0%)	0		0		0	1	(4.0%)
••	1× Mild	1× Possibly						1× Moderate	1× Not Related
Lip swelling	Lip swelling 0		0 0		0	1 (3	3.8%)	1 (4.0%)	
						1× Mild	1× Not Related	1× Mild	1× Possibly
Tongue disorder	1	(4.0%)	0	1	(4.0%)		0		0
	1× Mild	1× Related		1× Mild	1× Not Related				
Vomiting	0		0		0		3.8%)		(4.0%)
						1× Moderate	1× Related	1× Mild	1× Unlikely
Abdominal rigidity		(4.0%)	0		0		0		0
	1× Mild	1× Possibly							
Aphthous stomatitis		0	0		(4.0%)		0		0
				1× Mild	1× Not Related				
Dry mouth		0	0		0		3.8%)		0
						1× Mild	1× Possibly		
Flatulence		(4.0%)	0		0		0		0
T . 1	1× Mild	1× Possibly	1 (4 20()		2		0		2
Lip dry		0	1 (4.2%)		0		0		0
T 1		0	1× Mild 1× Related		0		0	1.	(4.00/)
Lip oedema		0 0 0		U		(4.0%)			
Salivary		0	0	1	(4.0%)		0	1× Mild	1× Possibly
•		U	U	1	(4.0 /0)		U		U
hypersecretion				1× Mild	1× Not Related				
Musculoskeletal and				1 IVIIIU	1" I VOI INCIAICU				

Pain in extremity		(4.0%)		0.8%)		6.0%)	3 (1	1.5%)		8.0%)						
	1× Mild	1× Not Related	4× Mild	1× Unlikely	1× Mild	2× Not Related	2× Mild	1× Not Related	1× Mild	1× Possibly						
			1× Moderate	3× Possibly	3× Moderate	1× Possibly		1× Possibly	1× Moderate	1× Related						
				1× Related		1× Related		1× Related								
Back pain	2	(8.0%)	1 (4.2%)	1 (3 (11.5%)		3 (12.0%)						
	2× Moderate	2× Not Related	1× Mild	1× Not Related	1× Moderate	1× Not Related	2× Mild	,		1× Unlikely						
							1× Moderate	1× Not Related	1× Moderate	2× Not Related						
Arthralgia		(4.0%)	1 (4.2%)		,	4.0%)		7.7%)		8.0%)						
	1× Mild	1× Not Related	1× Moderate	1× Not Related	1× Moderate	1× Not Related	2× Mild	1× Not Related		,						
								1× Related		1× Related						
Muscle spasms		0	1 (4.2%)		0	2 (7.7%)	1 (4.0%)						
			1× Mild	1× Not Related			1× Mild	1× Not Related	1× Mild	1× Related						
							1× Moderate	1× Related								
Musculoskeletal		0	1 (4.2%)	0		1 (3	3.8%)	1 (4.0%)							
stiffness																
			1× Mild	1× Possibly			1× Mild	1× Possibly	1× Mild	1× Possibly						
Myalgia		(4.0%)		0		0	0		,	4.0%)						
	1× Moderate	1× Not Related							1× Mild	1× Possibly						
Neck pain		0		0		0		0	2 (8.0%)						
									2× Mild	1× not Related						
										1× Possibly						
Sensation of		0		0		0	1 (3.8%)	1 (4.0%)						
heaviness																
							1× Mild	1× Unlikely	1× Mild	1× Possibly						
Flank pain		0		0	,	4.0%)		0		0						
						1× Not Related										
Joint stiffness		0	,	4.2%)		0		0		0						
				1× Possibly												
Limb discomfort		0	1 (4.2%)		0	0		0		0		0			0
			1× Mild	1× Possibly												
Muscle tightness		0		0		0		0		4.0%)						
									1× Mild	1× Possibly						
Muscle twitching		0		0		0		0		4.0%)						
									1× Mild	1× Related						

Musculoskeletal	0	1 (4.2%)	0	0	0
chest pain		1× Mild 1× Not Related			
Musculoskeletal	0	0	0	0	1 (4.0%)
pain					, ,
-					1× Mild 1× Not Related
Osteoarthritis	1 (4.0%)	0	0	0	0
	1× Mild 1× Not Related				
Pain in jaw	0	0	0	1 (3.8%)	0
				1× Moderate 1× Not Related	
Respiratory, thoracic	and mediastinal disorders				
Cough	1 (4.0%)	0	0	1 (3.8%)	1 (4.0%)
	1× Mild 1× Not Related			1× Moderate 1× Unlikely	1× Moderate 1× Not Related
Oropharyngeal pain	1 (4.0%)	0	1 (4.0%)	0	1 (4.0%)
	1× Mild 1× Not Related		1× Mild 1× Not Related		1× Moderate 1× Not Related
Rhinitis allergic	0	1 (4.2%)	1 (4.0%)	1 (3.8%)	0
		1× Moderate 1× Not Related	1× Mild 1× Not Related	1× Moderate 1× Not Related	
Dyspnoea	0	0	0	1 (3.8%)	1 (4.0%)
				1× Mild 1× Unlikely	1× Mild 1× Not Related
Nasal congestion	0	0	0	1 (3.8%)	1 (4.0%)
				1× Moderate 1× Not Related	1× Mild 1× Not Related
Bronchial	0	0	0	1 (3.8%)	0
hyperreactivity					
				1× Mild 1× Not Related	
Chronic obstructive	0	0	0	1 (3.8%)	0
pulmonary disease					
				1× Moderate 1× Unlikely	
Oropharyngeal	0	0	0	0	1 (4.0%)
discomfort					
					1× Mild 1× Related
Pharyngeal oedema	0	0	1 (4.0%)	0	0
			1× Mild 1× Possibly		
Rhinorrhoea	0	0	1 (4.0%)	0	
			1× Mild 1× Not Related		
Sneezing	0	1 (4.2%)	0	0	0

		1× Mild 1× Not Related			
Throat tightness	0	1 (4.2%) 1× Mild 1× Related	0	0	0
Infections and infes	tations				
Urinary tract infection	2 (8.0%)	0	1 (4.0%)	0	1 (4.0%)
	2× Moderate 2× Not Related		1× Mild 1× Not Related		1× Moderate 1× Not Related
Nasopharyngitis	1 (4.0%)	0	1 (4.0%)	0	0
	1× Mild 1× Not Related		1× Mild 1× Not Related		
Upper respiratory tract infection	0	1 (4.2%)	0	0	1 (4.0%)
		1× Mild 1× Not Related			1× Moderate 1× Not Related
Cystitis	0	1 (4.2%) 1× Mild 1× Not Related	0	0	0
Influenza	1 (4.0%) 1× Moderate 1× Not Related	0	0	0	0
Oral herpes	0	0	1 (4.0%) 1× Moderate 1× Not Related	0	0
Pharyngitis	0	1 (4.2%)	0	0	0
		1× Mild 1× Not Related			
Pneumonia	1 (4.0%) 1× Moderate 1× Not Related	0	0	0	0
Viral upper respiratory tract infection	0	0	0	1 (3.8%)	0
Vascular disorders				1× Severe 1× Unlikely	
Hot flush	1 (4 00/)	1 (4 29/)	0	2 (7 79/)	1 (4 00/)
riot iiusn	1 (4.0%) 1× Mild 1× Related	1 (4.2%) 1× Mild 1× Related	U	2 (7.7%) 1× Mild 1× Not Related 1× Moderate 1× Related	1 (4.0%) 1× Mild 1× Possibly
Flushing	ushing 0 0		2 (8.0%)	1 (3.8%)	1 (4.0%)
			2× Mild 2× Related	1× Mild 1× Related	1× Mild 1× Possibly
Hypertension	0	0	0	2 (7.7%) 1× Mild 2× Possibly 1× Severe	0

Intra-abdominal haematoma	0	1 (4.2%)	0	0	0
		1× Mild 1× Possibly			
Peripheral coldness	0	0	0	1 (3.8%) 1× Mild 1× Possibly	0
Skin and subcutane	ous tissue disorders				
Pruritus	3 (12.0%)	1 (4.2%)	0	0	0
	3× Mild 1× Possibly 2× Related	1× Mild 1× Possibly			
Hyperhidrosis	0	1 (4.2%)	0	0	1 (4.0%) 1× Mild 1× Unlikely
Blister	0	0	0	1 (3.8%) 1× Moderate 1× Not Related	0
Dry skin	0	0	1 (4.0%) 1× Mild 1× Not Related	0	0
Erythema	0	0	0	0	1 (4.0%) 1× Mild 1× Possibly
Rash	0	1 (4.2%) 1× Mild 1× Possibly	0	0	0
Scar	0	0	0	0	1 (4.0%) 1× Mild 1× Not Related
Skin discoloration	1 (4.0%) 1× Mild 1× Possibly	0	0	0	0
Injury, poisoning ar	nd procedural complications				
Fall	0	2 (8.3%) 2× Mild 2× Not Related	0	0	1 (4.0%) 1× Mild 1× Not Related
Contusion	0	0	1 (4.0%) 1× Mild 1× Not Related	0	0
Joint sprain	0	0	0	1 (3.8%) 1× Mild 1× Not Related	0
Meniscus lesion	1 (4.0%) 1× Mild 1× Not Related	0	0	0	0
Pelvic fracture	1 (4.0%) 1× Moderate 1× Not Related	0	0	0	0

Post procedural discomfort		0	C			0	1	(3.8%)		0
disconnort							1× Mild	1× Not Related		
Procedural pain		0	C			0		0	1	(4.0%)
									1× Mild	1× Not Related
Ear and labyrinth dis	orders									
Ear pain		0	C			(4.0%)		(3.8%)		0
					1× Mild	1× Not Related	1× Mild	1× Not Related		
Tinnitus		0	C			0		(3.8%)		(4.0%)
							1× Mild	1× Not Related	1× Mild	1× Related
Vertigo	Vertigo 0		1 (4.	,		0		(3.8%)		0
			1× Moderate	1× Related			1× Moderate			
Ear pruritus	,	4.0%)	C			0		0		0
_	1× Mild	1× Possibly								
Psychiatric disorders										
Thinking abnormal	1 (4.0%)	1 (4.	,		0		0		(4.0%)
	1× Mild	1× Possibly	1× Mild	1× Possibly					1× Mild	1× Possibly
An×iety		0	C			0		0		(4.0%)
									1× Moderate	e 1× Possibly
Hypervigilance	,	4.0%)	C			0		0		0
	1× Moderate	1× Not Related								
Insomnia		0	1 (4.	,		0		0		0
			1× Moderate	1× Not Related						
Nightmare		4.0%)	C			0		0		0
	1× Moderate	1× Related								
Eye disorders										
Eye pain	,	4.0%)	1 (4.	,		0		0		0
	1× Mild	1× Possibly	1× Mild	1× Unlikely						
Vision blurred		0	C			0	1 1× Mild	(3.8%) 1× Related	1 1× Mild	(4.0%) 1× Not Related
Abnormal sensation	1 (4.00/)				0	1* 1/11110	0 1× Related	1* 1/1110	0	
	` '				0		U		U	
in eye	1× Mild	1× Possibly								
Chalazion	1× MIII	0 1× Possibly	C		1	(4.0%)		0		0
Charazion		U	C			(4.0%) 1× Not Related		U		U

Diplopia	0	0	0	1 (3.8%) 1× Mild 1× Related	0
Investigations					
Body temperature	0	0	1 (4.0%)	0	1 (4.0%)
increased			1× Mild 1× Not Related		1× Mild 1× Possibly
Blood glucose	0	0	1 (4.0%)	0	()
increased	U	U	` ,	U	Ü
			1× Mild 1× Not Related		
Blood pressure	0	0	1 (4.0%)	0	0
increased			1× Mild 1× Possibly		
Electrocardiogram	0	0	1 (4.0%)	0	0
QT prolonged			,		
1 0			1× Mild 1× Possibly		
Weight increased	0	0	0	0	1 (4.0%)
					1× Mild 1× Unlikely
Renal and urinary dis	orders				·
Dysuria	0	1 (4.2%)	0	0	0
·		1× Moderate 1× Not Related			
Pollakiuria	0	1 (4.2%)	0	0	0
		1× Moderate 1× Not Related			
Renal pain	0	0	1 (4.0%)	0	0
			1× Mild 1× Not Related		
Blood and lymphatic	system disorders				
Lymphadenopathy	0	0	1 (4.0%)	0	1 (4.0%)
			1× Mild 1× Not Related		1× Mild 1× Not Related
Cardiac disorders					
Palpitations	1 (4.0%)	0	0	0	0
	1× Mild 1× Not Related				
Tachycardia	0	0	0	0	1 (4.0%)
					1× Mild 1× Unlikely
Neoplasms benign, m	nalignant and unspecified (inc	cysts and polyps)			
Colon cancer	0	0	0	0	1 (4.0%)
metastatic					

_					1× Moderate 1× Not Related
Metastatic	0	1 (4.2%)	0	0	0
carcinoma of the					
bladder					
		1× Death 1× Not Related			
Prostate cancer	0	1 (4.2%)	0	0	0
		1× Death 1× Not Related			
Metabolism and nutrition	disorders				
Decreased appetite	0	1 (4.2%)	0	0	0
		1× Moderate 1× Not Related			

TTX: tetrodotoxin; QoL: quality of life; BID: twice daily; QD: once daily; n: number of subjects