

Supplemental online content for:

Chemotherapy-Induced Peripheral Neurotoxicity in Cancer Survivors: Predictors of Long-Term Patient Outcomes

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eTable 1. Demographic Characteristics

Characteristic	n (%)
Education level	
No school certificate	13 (1.3)
Secondary school	179 (18.2)
Trade/Apprenticeship	49 (5)
Vocational college	235 (23.8)
Bachelor's degree	293 (29.7)
Postgraduate degree	215 (21.8)
Marital status	
Never married	86 (8.7)
Married/de Facto	733 (74.3)
Divorced/Separated	122 (12.4)
Widowed	40 (4.1)
Current employment status	
Full time	193 (19.6)
Part time	231 (23.4)
Studying	9 (0.9)
Sick leave	37 (3.8)
Retired	364 (36.9)
Not working due to disability	69 (7)
Not employed, looking for work	22 (2.2)
Not employed, not looking for work	43 (4.4)
Language spoken at home	
English only	912 (92.5)
Other	62 (6.3)
Comorbid health conditions	
Osteoarthritis	264 (26.8)
Back pain	262 (26.6)
High blood pressure	226 (22.9)
Depression	172 (17.4)
Diabetes	68 (6.9)
Anemia	65 (6.6)
Heart disease	60 (6.1)
Rheumatoid arthritis	36 (3.7)
Thyroid disorder	35 (3.5)
Liver disease	26 (2.6)
Lung disease	26 (2.6)
High cholesterol	25 (2.5)
Kidney disease	23 (2.3)
Ulcer or stomach disease	21 (2.1)

eTable 2. Outcomes and Characteristics in Respondents Reporting High Versus Low CIPN					
SF-36 Measure	Respondents Reporting High CIPN		Respondents Reporting Low CIPN		P Value
	n	Mean (SD)	n	Mean (SD)	
Physical functioning	337	54.6 (24.7)	335	82.3 (18.2)	<.001
Role limitations due to physical health	334	29.3 (36.2)	334	73.1 (37.6)	<.001
Role limitations due to emotional problems	336	55.4 (42.4)	335	81.0 (31.5)	<.001
Energy/Fatigue	337	34.5 (20.4)	334	55.1 (19.2)	<.001
Emotional well-being	337	66.3 (19.2)	334	76.7 (16.0)	<.001
Social functioning	337	65.4 (24.3)	335	84.5 (18.4)	<.001
Pain	337	51.2 (25.2)	335	77.1 (19.6)	<.001
General health	337	45.1 (22.3)	335	65.9 (19.8)	<.001

Abbreviations: CIPN, chemotherapy-induced peripheral neurotoxicity; SF-36, RAND 36-Item Short-Form Survey (subscale score range, 0–100).

eTable 3. Outcomes and Characteristics in Respondents ≤ 1 and ≥ 6 Years Posttreatment					
Measure	≤ 1 Year Posttreatment		≥ 6 Years Posttreatment		P Value
	n	Mean (SD)	n	Mean (SD)	
CIPN burden (FACT/GOG-NTX total score; range, 0–44)	263	13.2 (8.5)	233	12.2 (8.6)	.19
Age	264	55.9 (11.4)	231	61.0 (10.1)	<.001
Number of comorbid health conditions	265	1.3 (1.2)	233	1.8 (1.5)	<.001
General pain (NPRS; score range, 0–10)	265	3.9 (2.4)	231	4.1 (2.4)	.36
Burning pain (DN4 item 1)	245	0.3 (0.5)	221	0.4 (0.5)	.04
QoL (SF-36: total score; range, 0–800)	265	490.6 (154.1)	233	544.0 (153.1)	<.001
BMI	254	27.2 (5.5)	227	27.1 (5.2)	.77

Abbreviations: BMI, body mass index; CIPN, chemotherapy-induced peripheral neurotoxicity; DN4, Douleur Neuropathique en 4; FACT/GOG-NTX, Functional Assessment of Cancer Therapy/Gynecologic Oncology Group – Neurotoxicity; NPRS, numeric pain rating scale; QoL, quality of life; SF-36, RAND 36-Item Short-Form Survey.

eTable 4. Outcomes and Characteristics in Respondents ≤ 1 and ≥ 6 Years Posttreatment via SF-36					
SF-36 Measure	≤ 1 Year Posttreatment		≥ 6 Years Posttreatment		P Value
	n	Mean (SD)	n	Mean (SD)	
Physical functioning	265	68.0 (25.2)	233	73.0 (23.2)	.02
Role limitations due to physical health	265	46.5 (43.5)	231	64.5 (40.2)	<.001
Role limitations due to emotional problems	264	64.6 (40.2)	233	76.0 (36.3)	.001
Energy/Fatigue	264	43.3 (21.4)	233	49.5 (21.4)	.001
Emotional well-being	264	69.5 (18.5)	232	74.8 (17.2)	.001
Social functioning	265	73.5 (21.8)	233	81.8 (22.4)	<.001
Pain	265	67.7 (23.9)	233	66.2 (23.5)	.49
General health	265	57.1 (22.1)	233	58.6 (22.7)	.47

Abbreviation: SF-36, RAND 36-Item Short-Form Survey (subscale score range, 0–100).

eTable 5. Outcomes and Characteristics in Respondents Based on Adherence to Physical Activity Guidelines

SF-36 Measure	Respondents Meeting Guidelines		Respondents Not Meeting Guidelines		P Value
	n	Mean (SD)	n	Mean (SD)	
Physical functioning	787	72.9 (22.2)	153	48.7 (28.6)	<.001
Role limitations due to physical health	784	56.5 (42.0)	152	30.3 (40.2)	<.001
Role limitations due to emotional problems	785	71.5 (38.0)	153	59.3 (42.6)	.001
Energy/Fatigue	787	47.8 (21.3)	151	33.2 (20.5)	<.001
Emotional well-being	786	72.8 (17.6)	151	68.2 (18.2)	.005
Social functioning	787	78.6 (21.5)	153	65.7 (25.6)	<.001
Pain	787	67.4 (23.6)	153	57.2 (27.6)	<.001
General health	787	57.6 (22.4)	153	43.8 (23.2)	<.001

Abbreviation: SF-36, RAND 36-Item Short-Form Survey (subscale score range, 0–100).