

Supplementary Table. Lymphedema and health-related quality of life measures

Adjusted means and standard errors are presented for the SF-36 physical and mental component summary scores and perceived stress scale. Medians and interquartile ranges are presented for the other health-related quality of life measures. *P* values for F statistics from the analysis of covariance in 499 women and *P* values from the analysis of symptom score in 137 women who self-reported lymphedema are presented.

Quality of life measure (score range) ^a	No lymphedema Adjusted mean (SE)/ Median (IQR)	Lymphedema symptom-free Adjusted mean (SE)/ Median (IQR)	1+ lymphedema symptoms Adjusted mean (SE)/ Median (IQR)	<i>P</i> -value	<i>P</i> -value for trend test ^d
	N=362	N=40	N=97		
MOS SF-36 PCS ^b (0-100)	49.3 (0.8)	44.9 (1.7) ^h	44.1 (1.2) ^g	<0.0001	0.001
MOS SF-36 MCS ^b (0-100)	48.9 (0.8)	46.5 (1.7)	47.8 (1.2)	0.31	0.24
MOS SF-36 Subscales ^c (0-100)					
Physical Functioning	52.5 (45.5-54.8)	50.2 (39.7-54.8)	45.5 (33.8-52.5) ^g	<0.0001	<0.0001
Role-Physical	56.2 (42.1-56.2)	42.1 (28.0-56.2) ^h	49.2 (35.0-56.2) ^g	0.001	0.07
Bodily Pain	55.9 (46.5-62.7)	50.8 (37.5-55.9) ^h	46.5 (37.5-55.9) ^g	<0.0001	0.07
General Health	53.2 (46.2-57.9)	50.9 (41.5-56.7)	50.9 (41.5-55.6) ^g	0.01	0.07
Vitality	51.4 (44.3-58.5)	46.7 (38.4-53.8)	49.1 (42.0-56.2)	0.10	0.30
Social Functioning	57.1 (46.3-57.1)	46.3 (38.1-57.1) ^h	51.7 (35.4-57.1)	0.005	0.23
Role-Emotional	55.3 (44.8-55.3)	55.3 (23.7-55.3)	55.3 (34.3-55.3)	0.17	0.31
Mental Health	52.7 (43.6-57.3)	50.4 (42.5-56.1)	50.4 (43.6-57.3)	0.45	0.75
Perceived Stress Scale ^{b,c} (0-16)	8.9 (0.2)	9.1 (0.5)	9.3 (0.4)	0.56	0.01
Fear of Recurrence Scale ^d (5-25)	16.0 (13.0-19.0)	17.5 (14.0-21.0)	17.0 (14.0-20.0)	0.14	0.79
Wesley Clinical Lymphedema Scale ^{e,f} (0-100)	-	100 (97.1-100)	91.4 (77.1-97.1)	<0.0001	<0.0001
	N=207	N=25	N=56		
Sexual Functioning Summary Scale ^{e,e} (0-12)	3.0 (1.0-6.0)	5.0 (0.0-8.0)	2.5 (1.0-7.0)	0.74	0.43

Abbreviation. IQR: interquartile range; MCS: mental component summary; MOS SF-36: Medical outcomes study 36-item short form health survey; N: number; PCS: physical component summary; SE: standard error

^a A higher score indicates better health-related quality of life in MOS scales and Wesley Clinical Lymphedema Scale and worse health-related quality of life in other scales.

^b Standard analysis of covariance model adjusting for age at 40-month assessment and race/ethnicity was used.

^c A higher score indicates greater perceived stress.

^d Rank-based analysis of covariance model adjusting for age at 40-month assessment and race/ethnicity was used.

^e Only 137 women who reported lymphedema were included in the analysis of symptom score adjusting for age at 40-month assessment and race/ethnicity.

^f Only 288 women who reported being sexually active during the past 6 months prior to 40-month assessment were included.

^g Scheffé's pair-wise multiple comparison test detected a statistically significant difference between women without lymphedema and women with at least one symptom.

^h Scheffé's pair-wise multiple comparison test detected a statistically significant difference between women without lymphedema and women with lymphedema and no symptom.