

Supplementary Material

Evaluation of Patient Reported Symptoms and Functioning after Treatment for Endometrial Cancer

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Table S1. Correlational matrix of symptoms.

	<u>Lymph- edema</u>	<u>Urological</u>	<u>GI</u>	<u>PoorBody</u>	<u>BackPain</u>	<u>Tingling and numbness</u>	<u>Muscular pain</u>	<u>Hair loss</u>	<u>Taste change</u>
<u>Lymph-edema</u>	N/A	$r_s = 0.374, p < 0.001^{**}$ (CI95 0.164-.561)	$r_s = 0.226, p = 0.055$ (CI95 0.080-.500)	$r_s = 0.095, p = 0.423$ (CI95 -.097-.355)	$r_s = 0.293, p = 0.012^*$ (CI95 0.062-.486)	$r_s = 0.490, p < 0.001^{**}$ (CI95 0.264-.628)	$r_s = 0.516, p < 0.001^{**}$ (CI95 0.350-.683)	$r_s = 0.076, p = 0.523$ (CI95 -.183-.276)	$r_s = 0.101, p < 0.394$ (CI95 -.166-.292)
<u>Urological</u>	$r_s = 0.374, p < 0.001^{**}$ (CI95 0.164-.561)	N/A	$r_s = 0.436, p < 0.001^{**}$ (CI95 0.271-.633)	$r_s = 0.145, p = 0.220$ (CI95 0.019-.453)	$r_s = 0.251, p = 0.032^*$ (CI95 0.002-.439)	$r_s = 0.376, p < 0.001^{**}$ (CI95 0.197-.584)	$r_s = 0.270, p = 0.021^*$ (CI95 0.034-.464)	$r_s = 0.322, p = 0.005^{**}$ (CI95 0.067-.490)	$r_s = 0.351, p = 0.002^{**}$ (CI95 0.088-.506)
<u>GI</u>	$r_s = 0.226, p = 0.055$ (CI95 0.080-.500)	$r_s = 0.436, p < 0.001^{**}$ (CI95 0.271-.633)	N/A	$r_s = 0.133, p = 0.264$ (CI95 0.036-.466)	$r_s = 0.409, p < 0.001^{**}$ (CI95 0.196-.583)	$r_s = 0.476, p < 0.001^{**}$ (CI95 0.345-.679)	$r_s = 0.213, p = 0.070$ (CI95 0.030-.461)	$r_s = 0.126, p = 0.287$ (CI95 -.133-.323)	$r_s = 0.176, p = 0.136$ (CI95 -.074-.375)
<u>PoorBody</u>	$r_s = 0.095, p = 0.423$ (CI95 -.097-.355)	$r_s = 0.145, p = 0.220$ (CI95 0.019-.453)	$r_s = 0.133, p = 0.264$ (CI95 0.036-.466)	N/A	$r_s = 0.128, p = 0.279$ (CI95 -.055-.392)	$r_s = 0.098, p = 0.409$ (CI95 0.036-.466)	$r_s = 0.141, p = 0.233$ (CI95 -.120-.344)	$r_s = 0.059, p = 0.619$ (CI95 -.079-.371)	$r_s = 0.090, p = 0.448$ (CI95 -.074-.375)
<u>BackPain</u>	$r_s = 0.293, p = 0.012^*$ (CI95 0.062-.486)	$r_s = 0.251, p = 0.032^*$ (CI95 0.002-.439)	$r_s = 0.409, p < 0.001^{**}$ (CI95 0.196-.583)	$r_s = 0.128, p = 0.279$ (CI95 -.055-.392)	N/A	$r_s = 0.460, p < 0.001^{**}$ (CI95 0.261-.626)	$r_s = 0.446, p < 0.001^{**}$ (CI95 0.244-.616)	$r_s = 0.059, p = 0.618$ (CI95 -.161-.297)	$r_s = 0.141, p = 0.233$ (CI95 -.111-.343)
<u>Tingling and numbness</u>	$r_s = 0.490, p < 0.001^{**}$ (CI95 0.264-.628)	$r_s = 0.376, p < 0.001^{**}$ (CI95 0.197-.584)	$r_s = 0.476, p < 0.001^{**}$ (CI95 0.345-.679)	$r_s = 0.098, p = 0.409$ (CI95 0.036-.466)	$r_s = 0.460, p < 0.001^{**}$ (CI95 0.261-.626)	N/A	$r_s = 0.387, p < 0.001^{**}$ (CI95 0.198-.584)	$r_s = 0.160, p = 0.176$ (CI95 0.034-.464)	$r_s = 0.262, p = 0.025^*$ (CI95 0.113-.524)
<u>Muscular pain</u>	$r_s = 0.516, p < 0.001^{**}$ (CI95 0.350-.683)	$r_s = 0.270, p = 0.021^*$ (CI95 0.034-.464)	$r_s = 0.213, p = 0.070$ (CI95 0.030-.461)	$r_s = 0.141, p = 0.233$ (CI95 -.120-.334)	$r_s = 0.446, p < 0.001^{**}$ (CI95 0.244-.616)	$r_s = 0.387, p < 0.001^{**}$ (CI95 0.198-.584)	N/A	$r_s = 0.097, p = 0.413$ (CI95 -.117-.337)	$r_s = 0.161, p = 0.172$ (CI95 -.076-.373)
<u>Hair loss</u>	$r_s = 0.076, p = 0.523$ (CI95 -.183-.276)	$r_s = 0.322, p = 0.005^{**}$ (CI95 0.067-.490)	$r_s = 0.126, p = 0.287$ (CI95 -.133-.323)	$r_s = 0.059, p = 0.619$ (CI95 -.079-.371)	$r_s = 0.059, p = 0.618$ (CI95 -.161-.297)	$r_s = 0.160, p = 0.176$ (CI95 0.034-.464)	$r_s = 0.097, p = 0.413$ (CI95 -.117-.337)	N/A	$r_s = 0.907, p < 0.001^{**}$ (CI95 0.936-.974)
<u>Taste change</u>	$r_s = 0.101, p < 0.394$ (CI95 -.166-.292)	$r_s = 0.351, p = 0.002^{**}$ (CI95 0.088-.506)	$r_s = 0.176, p = 0.136$ (CI95 -.074-.375)	$r_s = 0.090, p = 0.448$ (CI95 -.074-.375)	$r_s = 0.141, p = 0.233$ (CI95 -.111-.343)	$r_s = 0.262, p = 0.025^*$ (CI95 0.113-.524)	$r_s = 0.161, p = 0.172$ (CI95 -.076-.373)	$r_s = 0.907, p < 0.001^{**}$ (CI95 0.936-.974)	N/A

Table S2. Impact of surgical therapy on Patient Reported Outcomes

	Minimally invasive therapy (Mean, SD)	Open surgery (Mean, SD)	Significance
Lymphoedema	30.0 (26.2)	38.7 (28.7)	$p > 0.221$
Urological	31.6 (26.8)	32.6 (26.8)	$p > 855$
Gastrointestinal	21.6 (16.7)	23.4 (18.7)	$p > 881$
Poor Body image	12.0 (22.2)	11.7 (22.9)	$p > 0.999$
Back Pain	47.8 (30.0)	56.8 (35.4)	$p > 0.249$
Tingling and numbness	37.4 (32.0)	33.6 (31.9)	$p > 0.688$
Muscular pain	34.4 (30.0)	46.7 (32.9)	$p > 0.126$
Hair loss	20.2 (28.0)	13.1 (29.8)	$p > 0.133$
Taste change	20.2 (28.0)	10.2 (29.2)	$p > 0.031$
Sexual interest	14.3 (18.4)	16.2 (22.4)	$p > 0.892$
Sexual activity	12.8 (19.4)	11.8 (19.3)	$p > 0.818$
Sexual enjoyment	44.2 (27.4); ($n = 19$)	46.3 (30.5); ($n = 8$)	$p > 0.955$
Sexual/Vaginal problems	23.9 (25.4); ($n = 19$)	26.9 (22.3); ($n = 8$)	$p > 0.607$

Table S3. Impact of lymph node treatment on Patient Reported Outcomes

	SNB (Mean, SD)	LND (Mean, SD)	SNB with LND (Mean, SD)	no LN treatment (Mean, SD)	Significance
Lymphoedema	28.1 (25.9)	39.7 (28.9)	26.6 (21.3)	35.1 (29.9)	$p > 0.488$
Urological	28.4 (23.8)	36.0 (27.3)	26.4 (29.2)	35.8 (31.4)	$p > 0.734$
Gastrointestinal	21.1 (14.3)	20.9 (18.7)	24.9 (13.1)	25.8 (23.5)	$p > 0.830$
Poor Body image	11.3 (22.4)	9.2 (17.8)	9.6 (18.9)	19.6 (31.0)	$p > 0.738$
Back Pain	48.5 (28.2)	60.9 (31.8)	33.9 (19.3)	47.4 (41.3)	$p > 0.191$
Tingling and numbness	30.0 (28.4)	36.7 (30.8)	52.9 (26.0)	39.1 (42.2)	$p > 0.374$
Muscular pain	37.4 (29.8)	42.7 (36.0)	33.9 (19.3)	36.4 (33.3)	$p > 0.924$
Hair loss	15.0 (21.6)	12.2 (26.4)	19.1 (37.8)	33.6 (37.6)	$p > 0.204$
Taste change	13.8 (21.4)	10.7 (26.1)	19.1 (37.8)	33.6 (37.6)	$p > 0.126$
Sexual interest	13.9 (17.0)	16.9 (22.7)	9.7 (16.6)	16.9 (22.7)	$p > 0.902$
Sexual activity	15.1 (19.5)	10.8 (19.2)	0 (.00)	16.9 (22.7)	$p > 0.192$
Sexual enjoyment	44.8 (29.7); ($n = 12$)	52.7 (32.5); ($n = 7$)	0; ($n = 1$)	43.4 (16.1); ($n = 7$)	$p > 0.417$
Sexual/Vaginal problems	19.2 (16.7); ($n = 12$)	30.6 (25.6); ($n = 7$)	0; ($n = 1$)	32.1 (33.0); ($n = 7$)	$p > 0.451$

LN: lymph-node, SNB: sentinel lymph-node biopsy, LND: lymphadenectomy, SNB with LND: SNB with contralateral LND.