

Supplemental Table 1. Description of the methodology of the IPTW-adjusted cohort

Weights were derived for the patients in the two groups as $1/PS$ for those in the lymph node dissection group and $1/(1-PS)$ for those in the SLN group. Extreme weights were trimmed at the 95th percentile and the weights were stabilized according to the proportion of patients in the two groups. The weights were then applied to the patients to obtain an inverse-probability of treatment weighting (IPTW) -adjusted cohort. Covariate imbalance between the two groups was assessed by calculating standardized differences for each covariate, separately for the unadjusted cohort and the IPTW-adjusted cohort. The standardized difference is calculated as the absolute difference in group means divided by an estimate of the pooled standard deviation for a continuous covariate and as the absolute difference in group proportions divided by an estimate of the pooled standard deviation for a dichotomous covariate. Upon achieving desirable levels for the standardized difference for each covariate in the IPTW-adjusted cohort, the IPTW-adjusted cohort was used for the analysis of the quality of life (QoL) measures.

Supplemental Table 2. Summary of baseline characteristics in the unadjusted and IPTW-adjusted cohorts

Characteristic	Unadjusted cohort			IPTW-adjusted cohort		
	LND group	SLN group	Absolute value of the standardized difference [†]	LND group	SLN group	Absolute value of the standardized difference ^{††}
	N=101	N=120		N=101	N=120	
At the time of the surgery						
Age (years), mean (SD)	65.5 (7.9)	64.0 (9.6)	0.169	64.9 (8.0)	64.8 (9.8)	0.016
BMI (kg/m ²), mean (SD)	31.9 (7.2)	34.6 (7.4)	0.368	33.3 (7.3)	33.6 (7.2)	0.036
ASA score ≥ 3	20.8%	24.2%	0.081	20.7%	22.1%	0.035
Comorbidities						
Diabetes	15.8%	12.5%	0.096	13.9%	12.6%	0.036
Chronic heart failure	1.0%	4.2%	0.021	1.3%	2.6%	0.097
Moderate/severe renal disease	2.0%	1.7%	0.023	1.7%	1.7%	0.005
FIGO grade						
1	35.6%	62.5%	0.558	49.8%	50.9%	0.023
2	29.7%	17.5%	0.290	23.5%	23.1%	0.009
3	34.7%	20.0%	0.333	26.7%	25.9%	0.017
FIGO stage III/IV (vs. I/II)	10.9%	6.7%	0.150	8.4%	8.8%	0.013
Non-endometrioid histology	18.8%	13.3%	0.150	15.7%	15.5%	0.006

Abbreviations: ASA, American Society of Anesthesiologists; BMI, body mass index; FIGO, International Federation of Gynecology and Obstetrics; IPTW, inverse-probability of treatment weighting; LND, lymphadenectomy; SD, standard deviation; SLN, sentinel lymph node sampling.

[†]The standardized difference is calculated as the absolute difference in group means divided by an estimate of the pooled standard deviation for a continuous covariate and as the absolute difference in group proportions divided by an estimate of the pooled standard deviation for a dichotomous covariate.

^{††}The desired standardized difference for the covariates in the IPTW-adjusted cohort is <0.10.