

Appendix 1. Relative Risk of Selected Outcomes of Interest for Patients Who Received Lymphadenectomy Compared With Those Who Did Not

Outcome of Interest	Open		MIS		Open vs. MIS	
	n	%	n	%	aOR	95% CI
Any complication	4,177	19.2	1,133	10.5	1.04	0.96, 1.11
Surgical complication	3,269	15.1	863	8.0	1.00	0.93, 1.09
Surgical site infection	333	1.5	34	0.3	1.34	0.94, 1.93
Pneumonia	372	1.7	88	0.8	0.79	0.62, 1.01
Venothrombosis	388	1.8	58	0.5	1.07	0.80, 1.42
Sepsis	147	0.7	21	0.2	~	~
Wound or fascial dehiscence	145	0.7	11	0.1	~	~
Laceration	511	2.4	343	3.2	1.00	0.88, 1.13
Major blood loss	1,646	7.6	379	3.5	1.19	1.06, 1.34
Length of stay >2 days	17,074	78.6	1,915	17.7	1.10	1.03, 1.17
Aftercare	1,948	9.0	1,126	10.4	~	~
Death	100	0.5	15	0.1	~	~

Key: MIS, minimally invasive surgery; n, number of events within each surgical approach; %, percent; aOR, adjusted odds ratio; CI, confidence interval; ~, not estimable (number events was too small)

Lymphadenectomy AORs are adjusted for: age, obesity, Elixhauser score, hospital type, region, teaching hospital, bedsize, hospital volume, income, race, payer type, year of diagnosis, surgical approach (open/MIS), interaction term for surgical approach and lymphadenectomy