

Figure S1 Study flow diagram.

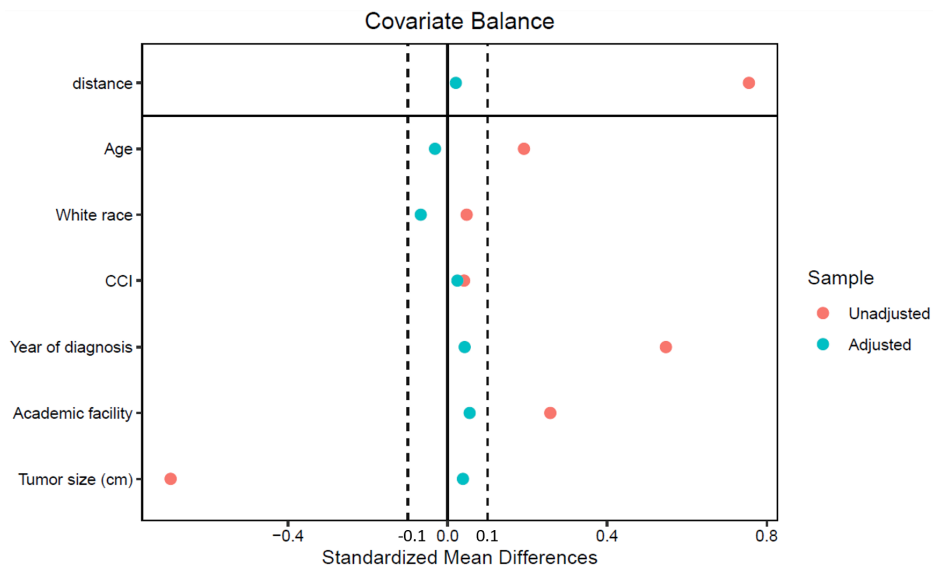


Figure S2 Love plot showing balance assessed by SMD before and after propensity score matching and the variables used in the matching (SMD <0.1 reflects proper balance). CCI; Charlson comorbidity index; SMD, standardized mean difference.

Table S1 Matched patient characteristics and perioperative outcomes

Variables	Open (n=163)	Robotic-assisted (n=163)	P value	SMD
Age (years)	60.89±14.12	60.50±12.23	0.79	0.029
Sex			0.32	N/A
Male	73 (44.8)	82 (50.3)		
Female	90 (55.2)	81 (49.7)		
Race			0.09	0.068
White	120 (73.6)	115 (70.6)		
Black	28 (17.2)	20 (12.3)		
Asian	10 (6.1)	23 (14.1)		
Other/unknown	5 (3.1)	5 (3.1)		
Charlson comorbidity index			0.63	0.025
0	123 (75.5)	114 (69.9)		
1	30 (18.4)	38 (23.3)		
2	7 (4.3)	9 (5.5)		
3	3 (1.8)	2 (1.2)		
Insurance status			0.21	N/A
Not insured	7 (4.3)	2 (1.2)		
Private insurance	75 (46)	82 (50.3)		
Government insurance	81 (49.7)	79 (48.5)		
Facility type (n=297)			0.35	0.055
Community cancer program	46 (31.1)	39 (26.2)		
Academic/integrated program	102 (68.9)	110 (73.8)		
Pathologic characteristics				
Histology			0.26	N/A
Thymoma, NOS	27 (16.6)	26 (16.0)		
A	18 (11.0)	24 (14.7)		
AB	42 (25.8)	42 (25.8)		
B1	26 (16.0)	23 (14.1)		
B2	25 (15.3)	35 (21.5)		
B3	25 (15.3)	13 (8.0)		
Tumor size	6.00 [5.50–7.50]	6.50 [5.50–7.50]	0.50	0.038
Perioperative outcomes				
Length of stay (days)	4 [3–5.75]	2 [1–4]	<0.001	N/A
30-day readmission			0.70	N/A
Not admitted	160 (98.2)	159 (97.5)		
Admitted	3 (1.8)	4 (2.5)		
Mortality				N/A
30-day mortality	1 (0.6)	2 (1.2)	0.56	
90-day mortality	2 (1.2)	2 (1.2)	>0.99	

Data are presented as frequencies (%), mean ± standard deviation, or median [interquartile range]. NOS, not otherwise specified; cm, centimeters; SMD, standard mean difference; N/A, not applicable.