

Supplementary Table 1. Propensity score matching baseline characteristics

Variable	PN	RN	p-value
Age (yr)	52.9±13.6	55.2±12.8	0.211
Male sex	36 (70.6)	380 (63.5)	0.314
Body mass index (kg/m ²)	25.0±3.6	24.5±3.4	0.315
Diabetes mellitus	9 (17.6)	78 (13.0)	0.354
Hypertension	22 (43.1)	249 (41.6)	0.835
Smoking history	20 (40.8)	175 (35.9)	0.492
ASA PS classification grade≥III	1 (2.0)	35 (6.9)	0.189
Creatinine (mg/dL)	0.9±0.2	1.1±1.1	0.159
CRP (mg/dL)	0.7±2.8	2.0±4.3	0.011
NLR	2.2±1.1	3.5±7.3	0.238
EGFR (mL/min/1.73 m ²)	92.0±23.4	77.0±22.0	<0.001
Radiologic tumor size (mm)	83.2±23.2	89.4±21.5	0.050
RENAL nephrometry score	9.0 (1.9)	10.1 (1.3)	<0.001
Symptom at diagnosis	11 (21.6)	250 (41.8)	0.005
Laterality, left	33 (64.7)	307 (51.3)	0.067
Clinical T stage			0.041
2a	44 (86.3)	438 (73.2)	
2b	7 (13.7)	160 (26.8)	

Values are presented as mean±standard deviation or number (%).

PN, partial nephrectomy arm; RN, radical nephrectomy arm; ASA PS, American Society of Anesthesiologists physical status; CRP, C-reactive protein; NLR, neutrophil-lymphocyte ratio; eGFR, estimated glomerular filtration rate; RENAL score, radius, exophytic/endophytic, nearness to collecting system or sinus, anterior/posterior, and location relative to polar lines score.