Table S1 Univariate and multivariable logistic regression for the achievement of MIC in the RAPN group

Variables	Univariate		Multivariable (model R.E.N.A.L.)		Multivariable (model SPARE)	
	OR (95% CI)	P value	OR (95% CI)	P value	OR (95% CI)	P value
OT	1.006 (1.000–1.012)	0.51	1.006 (0.999–1.014)	0.10	1.007 (1.000–1.014)	0.047*
Right *vs.* left	0.950 (0.515–1.752)	0.87	0.861 (0.422–1.754)	0.68	1.125 (0.574–2.207)	0.73
Age	0.983 (0.958–1.008)	0.18	0.976 (0.947–1.006)	0.11	0.973 (0.945–1.001)	0.06
BMI	0.992 (0.903–1.091)	0.87	1.003 (0.900–1.116)	0.96	0.979 (0.883–1.084)	0.68
R.E.N.A.L. score	0.539 (0.428–0.679)	<0.001*	0.535 (0.422–0.677)	<0.001*		
SPARE score	0.754 (0.651–0.872)	<0.001*			0.741 (0.638–0.861)	<0.001*

*, P<0.05. MIC, margin, ischaemia, and complications; RAPN, robot-assisted partial nephrectomy; R.E.N.A.L., Radius, Exophytic/ Endophytic, Nearness, Anterior/Posterior, Location; SPARE, Simplified PADUA REnal; OR, odds ratio; CI, confidence interval; OT, operative time; BMI, body mass index.

Table S2 Univariate and multivariable logistic regression for the achievement of MIC in the LPN group

Variables	Univariate		Multivariable (model R.E.N.A.L.)		Multivariable (model SPARE)	
	OR (95% CI)	P value	OR (95% CI)	P value	OR (95% CI)	P value
OT	0.952 (0.935–0.970)	<0.001*	0.946 (0.926–0.965)	<0.001*	0.946 (0.926–0.965)	<0.001*
Right *vs.* left	0.879 (0.436–1.772)	0.72	0.381 (0.152–0.954)	0.04*	0.383 (0.152–0.969)	0.04*
Age	1.018 (0.987–1.049)	0.25	1.012 (0.975–1.050)	0.53	1.012 (0.975–1.050)	0.53
BMI	1.024 (0.915–1.145)	0.68	1.133 (0.978–1.313)	0.10	1.134 (0.978–1.316)	0.10
R.E.N.A.L. score	0.842 (0.674–1.052)	0.13	1.034 (0.784–1.363)	0.81		
SPARE score	0.851 (0.715–1.013)	0.07			1.019 (0.814–1.275)	0.87

*, P<0.05. MIC, margin, ischaemia, and complications; LPN, laparoscopic partial nephrectomy; R.E.N.A.L., Radius, Exophytic/Endophytic, Nearness, Anterior/Posterior, Location; SPARE, Simplified PADUA REnal; OR, odds ratio; CI, confidence interval; OT, operative time; BMI, body mass index.