

Table.S1 The clinicopathologic feature and follow-up data of patients

Clinicopathologic feature	Number of patients	percentage
Gender		
Male	93	55.40%
Female	75	44.60%
Age		
<56 years old	76	45.20%
≥56 years old	92	54.80%
Pathology		
Clear cell renal cell carcinoma	137	81.50%
Other renal cell carcinoma	31	18.50%
Location of tumor		
Left	84	50.00%
Right	84	50.00%
Size of tumor		
<5cm	83	49.40%
≥5cm	85	50.60%
History of hypertension		
Yes	49	29.20%
No	119	70.80%
History of diabetes		
Yes	14	8.30%
No	154	91.20%
History of smoking		
Yes	30	17.90%
No	138	82.10%
Clinical syndrome		
Yes	57	33.90%
No	111	66.10%
Surgical method		
Partial nephrectomy	77	45.80%
Radical nephrectomy	91	54.20%
Clinical stage		

Recurrence metastasis	or	I-II	160	95.20%
		III	8	4.80%
		Yes	41	24.40%
		No	127	75.60%

Table.S2 Results of univariate and multivariate Cox regression analysis

Variate	Univariate Cox regression analysis				Multivariate Cox regression analysis			
	Coef	HR	<i>P value</i>	95%CI	Coef	HR	<i>P value</i>	95%CI
Neutrophil count	0.376	1.456	0.001	1.158-1.833	0.632	1.881	0.002	1.254-2.823
Lymphocyte count	-0.855	0.425	0.016	0.212-0.854	-1.890	0.151	<0.001	0.065-0.353
Monocyte count	1.292	3.641	0.032	1.120-11.840	0.870	2.388	0.357	0.375-15.192
Platelet count	0.007	1.010	0.001	1.002-1.011	0.007	1.007	0.010	1.002-1.012
Eosinophil count	0.242	1.274	0.846	0.110-14.790	-	-	-	-
Basophilic granulocyte count	2.534	12.604	0.622	0.001-3.03e+05	-	-	-	-