

Supplementary Information

Tumor volume and tumor crossing of the axial renal midline predict renal function after robotic partial nephrectomy

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Supplementary Table 1

New classification system for predicting postoperative renal function.

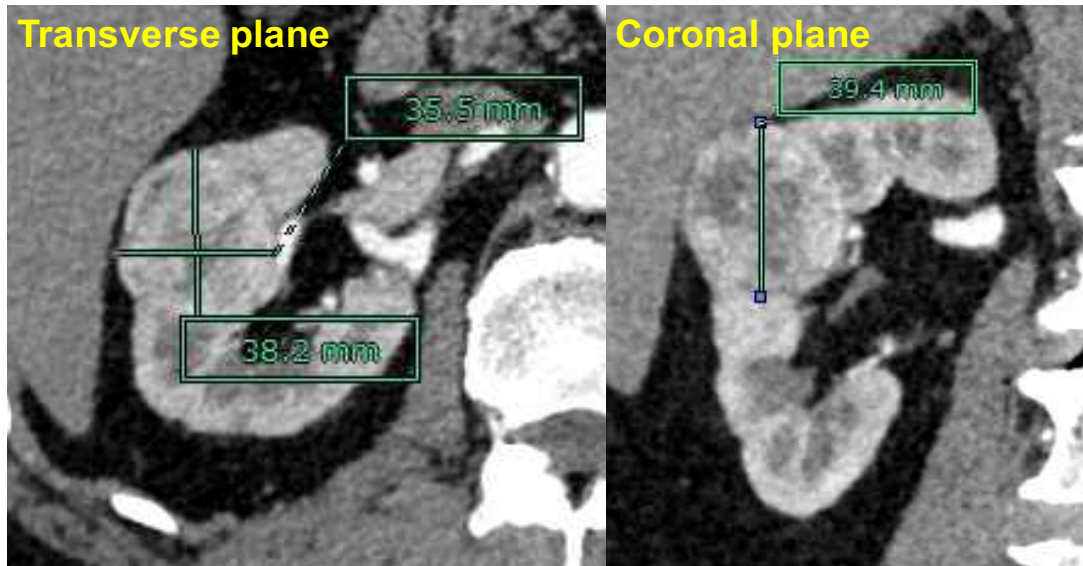
Variable	0 points	1 point
Tumor crossing of the axial renal midline	absent	present
Tumor volume, cm³	<14.11	≥14.11

Supplementary Figure 1

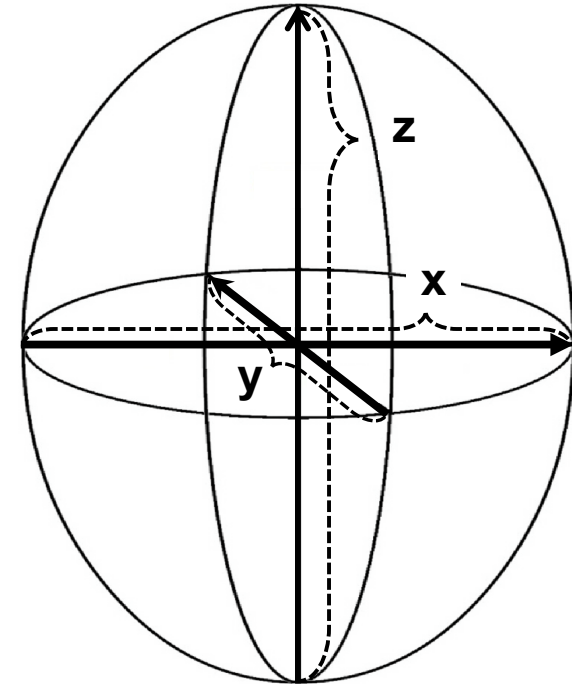
a Representative three-dimensional computed tomography.

b Calculation of tumor volume (tumor volume (cm³)= $\frac{4}{3} \times \pi (3.14) \times x/2 \times y/2 \times z/2$).

a



b



Supplementary Figure 2

Relationship between the distance from the tumor to the collecting system and
a the P factor score of the DAP system or **b** tumor volume ($R=0.481$, $p<0.001$).
DAP diameter–axial–polar

