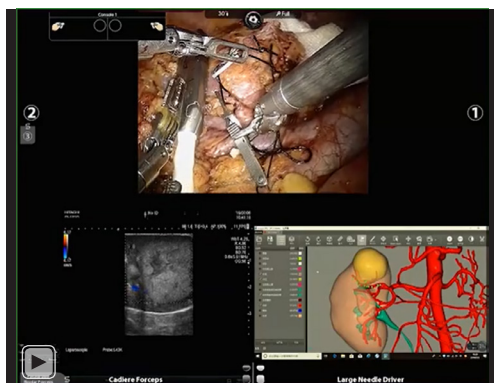


Table S1 Discordance analysis of CTA and H3D preoperative planning

Variable	H3D		Total
	Non-conformance, n (%)	Compliance, n (%)	
CTA			
Non-conformance	3 (3.7)	51 (62.2)	54 (65.9)
Compliance	5 (6.1)	23 (28.0)	28 (34.1)
Total	8 (9.8)	74 (90.2)	82

H3D, hyper-accuracy three-dimensional; CTA, computed tomography angiography.



Video S1 Intraoperative ultrasound to test the tumor and renal parenchyma flow after clamping the tumor-feeding vessel.