Supplemental Material

Table e1

MRI Acquisition Parameters

Sequence	Slice Thickness	Matrix	TE	TR
T2W FSE/SSFSE	4–8 mm	256 × 154 to 348 × 280	70–120 ms	964–4820 ms
T1W GRE (OP/IP)	5–8 mm	193 × 168 to 500× 286	2.38 ms / 4.87 ms (1.5 T) 1.1 ms / 2.3 ms (3.0 T)	100–216 ms
T1W SPGR	3–6 mm	176 × 149 to 320 × 259	1.6–2.4 ms	3.4–5.4 ms

Note – TE, echo time; TR, repetition time; T2W, T2-weighted; FSE, fast spin-echo; SSFSE, single-shot fast spin-echo; T1W, T1-weighted; GRE, gradient recalled echo; OP, out-of-phase; IP, in-phase; SPGR, spoiled gradient recalled echo

Table E1. MRI Acquisition Parameters

Fig E1. Oncocytoma. a. A central renal mass with heterogeneous and overall avid contrast enhancement is noted on this post contrast corticomedullary coronal fat-saturated T1-weighted gradient recalled echo. Note the presence of areas of higher (arrowhead) and lower contrast enhancement (arrow). b. On post-contrast venous phase coronal fat-saturated T1-weighted gradient recalled echo, an inversion of the enhancement pattern is noted, with lower contrast enhancement in the area pointed by the arrowhead and higher contrast enhancement pointed by the arrow.

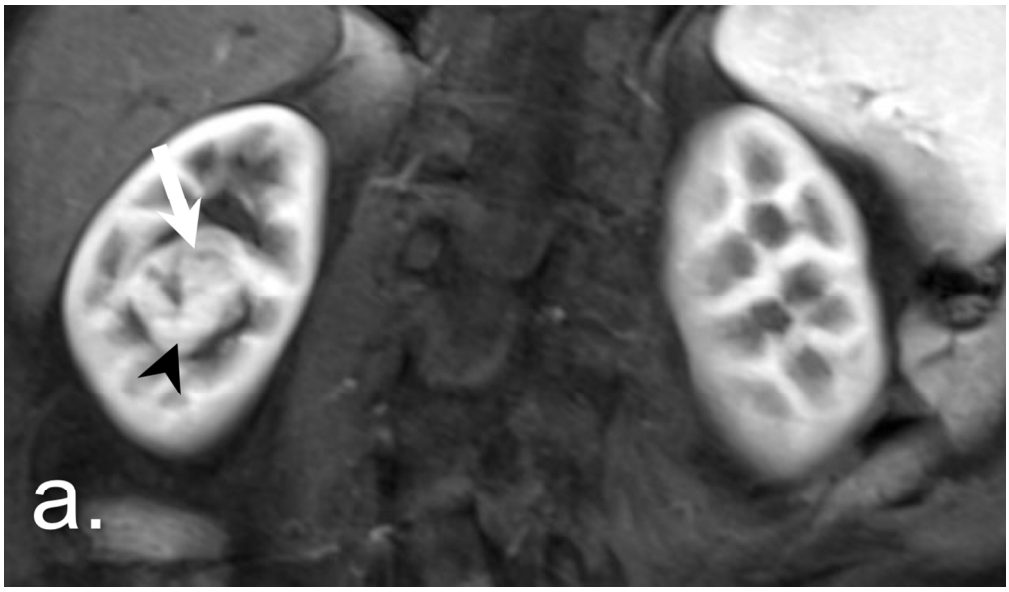

Fig E1a. Oncocytoma. a. A central renal mass with heterogeneous and overall avid contrast enhancement is noted on this post contrast corticomedullary coronal fat-saturated T1-weighted gradient recalled echo. Note the presence of areas of higher (arrowhead) and lower contrast avidity (arrow). b. On post-contrast venous phase coronal fat-saturated T1-weighted gradient recalled echo, an inversion of the enhancement pattern is noted, with lower contrast avidity in the area pointed by the arrowhead and higher contrast avidity pointed by the arrow.

529x307mm (72 x 72 DPI)

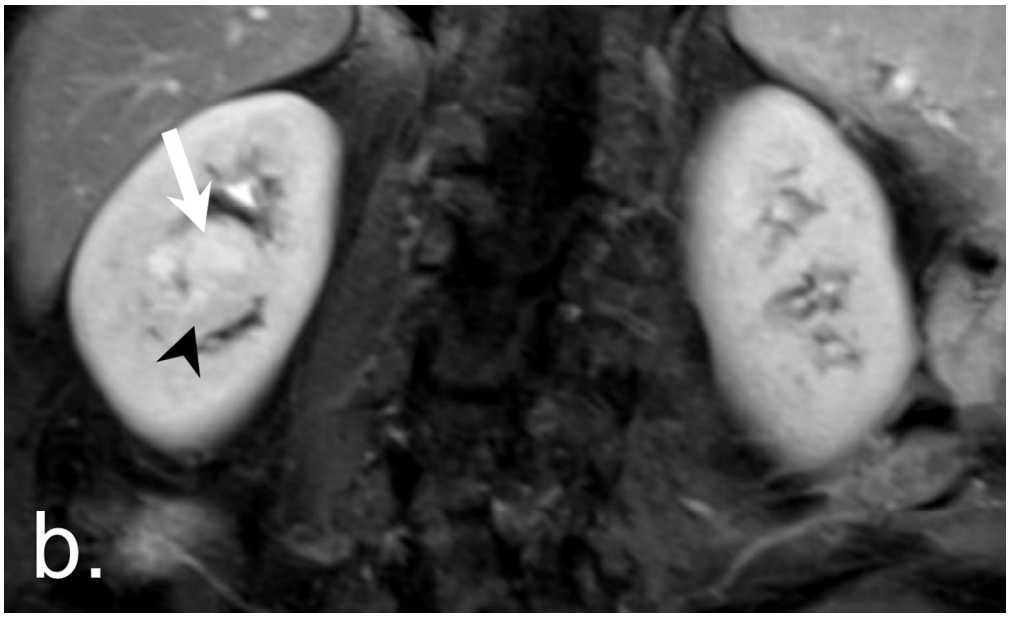

Fig E1b. Oncocytoma. a. A central renal mass with heterogeneous and overall avid contrast enhancement is noted on this post contrast corticomedullary coronal fat-saturated T1-weighted gradient recalled echo. Note the presence of areas of higher (arrowhead) and lower contrast avidity (arrow). b. On post-contrast venous phase coronal fat-saturated T1-weighted gradient recalled echo, an inversion of the enhancement pattern is noted, with lower contrast avidity in the area pointed by the arrowhead and higher contrast avidity pointed by the arrow.

529x321mm (72 x 72 DPI)