

Table S1 Imaging parameters for renal MR

	T2WI	DWI	T1 mapping	T2 mapping
Sequence	TSE	ss-EPI	Look-Locker	SE
Repetition time(msec)	2200	3000	3.00	2200
Echo time (msec)	97	66	1.32	8.8 (n=1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16)
Flip angle(degree)	160	NA	8	180
Matrix	128×73	128×73	125 192	239,368
Field of view (mm ²)	400,325	400×325	380 309	368,332
Section thickness(mm)	4.0	4.0	4.0	4.0
Voxel size	3.1×3.1×4.0	1.6×1.6×4.0	1.0×1.0×4.0	1.0×1.0×4.0
Number of slices	30	30	8	8
b value(averages) (sec/mm ²)	NA	0(1),80(1),400(2),800(4),1600(4)	NA	NA
Diffusion mode	NA	3-scan trace	NA	NA
Scan time	15s	3 min 33s	13s	1 min 33s

T2WI = T2-weighted image, DWI = diffusion-weighted imaging, TSE = turbo spin-echo, ss-EPI = single shot echo-planar imaging, SE = spin-echo, TR = repetition time, TE = echo time, NA = not applicable.