

RENAL MASS WWO

DX: FOCAL RENAL LESION, CHARACTERIZE KNOWN MASS

PREP: NPO 4-6 HOURS PRIOR

Localizer(s)	Frontal (Lateral if required)			
Scan Series	Kidneys	Abdomen	Abdomen	Kidneys
Scan Phase	Non-contrast	Arterial	Nephrogram	Delayed
Instruction	Inspiration	Inspiration	Inspiration	Inspiration
Contrast Agent	-	300, 350, or 370	-	-
Volume/Rate	-	80ml (370) - 100ml (300)/3.5-4.0ml per sec	-	-
Contrast Delay	-	30-35 sec (tracked to aorta)	90 sec	180-300 sec
Start	Above adrenals	Above diaphragms	Above diaphragms	Above adrenals
End	Below kidneys	Bifurcation	Bifurcation	Below kidneys
Scan Type	Helical	Helical	Helical	Helical
kVp	100-110	100-110	100-110	100-110
Target CTDIvol	<10.0 mGy	<12.0 mGy	<12.0 mGy	<10.0 mGy
Max CTDIvol	25 mGy	25 mGy	25 mGy	25 mGy
Max Scan Time	20 sec	20 sec	20 sec	20 sec
Pitch	1.0-1.4:1	1.0-1.4:1	1.0-1.4:1	1.0-1.4:1
DFOV	To body wall	To body wall	To body wall	To body wall
Send to PACS	AX 1x1 standard	AX 1x1 standard	AX 1x1 standard	AX 1x1 standard
		COR 2x2 standard	COR 2x2 standard	
		SAG 3x3 standard	SAG 3x3 standard	