

ADRENAL MASS Siemens GO ALL

Indications	Characterize known adrenal mass (differentiate a met from an adenoma)					
Diagnostic Task	Detect adrenal mass					
Scan mode	Helical					
Position/Landmark	2cm superior to xiphoid/Inspiration					
Topogram	AP 15mA 110kV					
kVp/Reference mass	130kv 99mas					
Rotation time/pitch	0.5/0.8					
Detector Configuration	32x0.7					
Table Speed/Increment	17.92					
Dose reduction	CareDose 4D					
Allowed CTDI ranges*	7mGy-50mGy					
XR29 Dose Notification value	50mGy					
Helical Set #1 NON-Contrast	recon	body part	thickness spacing	kernel	window	recon destination
	1	abd	2mmx 2mm	Br40	abdomen	pacs
Helical Set #2 75 second delay	recon	body part	thickness spacing	kernel	window	recon destination
	1	abd	2mmx 2mm	Br40	abdomen	pacs
	2	Cor	2mmx2mm	Br40	abdomen	pacs
	3	Sag	2mmx2mm	Br40	abdomen	pacs
Helical Set #3 15min Delay	recon	body part	thickness spacing	kernel	window	recon destination
	1	abd	2mmx 2mm	Br40	abdomen	pacs
	2	Cor	2mmx2mm	Br40	abdomen	pacs
	3	Sag	2mmx2mm	Br40	abdomen	pacs
Scan start/end location	1cm above diaphragm through superior iliac crest					
DFOV	40cm decrease appropriately					
IV contrast volume/rate	100ml isovue 370 3cc/sec					
Scan delay	non-contrast no delay/75seconds/15 minute delay					
3D Technique used	2x2 and sag coronal abd reformats from helical set #2, recon 2 and helical set #3 recon 2					
oral	water					
	comments: Ask Rad after non contrast if you need to continue exam					
	Performed as directed by a the supervising radiologist					

	Approximate Values for CTDIvol		
Patient size	weight(kg)	weight(lbs)	CTDIvol(mGy)
SMALL	50-70	110-155	10-17
AVERAGE	70-90	155-200	15-25
LARGE	90-120	200-265	22-35

NOTE*

*The AAPM recommended NEMA XR29 Dose Notification Value for an adult torso is 50mGy. Dose Notification levels less than the AAPM recommended can be set. The maximum CTDI vol should match the dose notification value. Exams with CTDI vol values less than the minimum allowed range should not be performed unless approved by a radiologist.

