

CT Abd/Pelvis Venogram GO ALL

Indications	For abdomen pain, pt with PE, evaluate for may thurner syndrome					
Diagnostic Task	Detect deep venous thrombosis, evaluate venous anatomy					
Scan mode	Helical					
Position/Landmark	2cm superior to typhoid/Inspiration					
Topogram	AP 110kV 15mA					
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 #1 120 sec delay	recon	body part	thickness spacing	kernel	window	recon destination
	1	abd/pelvis	2mmx 2mm	Br40	abdomen	pacs
	2	Cor a/p	2mmx 2mm	Br40	abdomen	pacs
	2	sag a/p	2mmx 2mm	Br40	abdomen	pacs
Scan start/end location	1cm superior to diaphragm lesser trochanters					
IV contrast volume/rate	<200lbs 100ml, 200lbs+ 125ml isovue 370 3cc/sec					
Scan delay	120seconds					
	Performed as directed by the supervising radiologist					

Oral contrast 1000ml water 30min prior to exam

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 allowed range should not be performed unless approved by a radiologist.

