CT Abd/Pelvis Venogram
GO UP

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	0.8/0.8
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.

Revision Date 4/20/2018
Approved by Dr Ellermeir/Mollard