NON CON ABDOMEN/PELVIS
Siemens GO ALL

Indications	For abdomen pain, vomiting, bloating
Diagnostic Task	Detect diverticulitis, free fluid, appendicitis, obstruction
Scan mode	Helical
Position/Landmark	2cm superior to xiphoid/Inspiration
Topogram	AP 110kV 15mA
kVp/Reference mass	120kv 99mas
Rotation time/pitch	0.5/0.8
Detector Configuration	32x0.7
Table Speed/Increment	17.92
Dose reduction	CareDose 4D, SAFIRE 3
Allowed CTDI ranges*	7mGy-50mGy
XR29 Dose Notification value	50mGy

Helical Set #1

recon	part	spacing	kernel	window	destination
recon	body part	thickness spacing	kernel	window	recon destination
1	abd/pelvis axial	2mmx 2mm	Br40	abdomen	pacs
2	abd/pelvis Cor	2mmx 2mm	Br40	abdomen	pacs
3	abd/pelvis Sag	2mmx 2mm	Br40	abdomen	pacs

Scan Start/end location	1cm superior to diaphragm
	lesser trochanters
DFOV	40cm
	decrease appropriately
IV contrast volume/type	none
Scan delay	scanned during valsalva if looking for hernia
	WITH ORAL CONTRAST ONLY

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.

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Approved by Dr Johnson

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