

# IVP Siemens GO ALL Split delay

<b>Indications</b>	For hematuria, frequent UTI's, bladder ca, renal ca					
<b>Diagnostic Task</b>	Detect masses, location of stones					
<b>Scan Mode</b>	Helical					
<b>Position/Landmark</b>	2cm superior to xiphoid/Inspiration					
<b>Topogram</b>	AP 15mA 110kV					
<b>kVp/Reference mass</b>	130kv 99mas					
<b>Rotation time/pitch</b>	0.8/0.8					
<b>Detector Configuration</b>	32x0.7					
<b>Table Speed/Increment</b>	17.92					
<b>Dose reduction</b>	CareDose 4D					
<b>Allowed CTDI ranges*</b>	7mGy-50mGy					
<b>XR29 Dose Notification value</b>	50mGy					
	<b>2-3 glass of water prior to scan</b>					
	<b>200ml NaCL prior to non contrast scan</b>					
<b>Helical Set #1</b>	body	thickness			recon	
<b>Non contrast</b>	recon	part	spacing	kernel	window	
					destination	
	1	abd/pel axial	2mmx2mm	Br40	abdomen	pac
	2	abd/pel Cor	2mmx2mm	Br40	abdomen	pac
	3	abd/pel Sag	2mmx2mm	Br40	abdomen	pac
	<b>50ml or 75ml*ISOVUE 370 @ 2ml/sec WAIT 7min</b>					
	<b>50ml or 75ml* ISOVUE 370 @2cc/sec-then scan CT A/P with 120second delay</b>					
	<b>*weight based 100ml if &lt;250lbs 150ml if &gt; 250lbs isovue 370</b>					
<b>Helical Set 2</b>	body	thickness			recon	
<b>120sec delay</b>	recon	part	spacing	kernel	window	
					destination	
	1	abd/pel axial	2mmx2mm	Br40	abdomen	pac
	2	abd/pel Cor	2mmx2mm	Br40	abdomen	pac
<b>2ml/sec</b>	3	abd/pel Sag	2mmx2mm	Br40	abdomen	pac
	4	abd/pel thin	0.8mmx0.8mm	Br40	abdomen	pac/TR
	5	MIP abd/pel	5mmx2mm	Br40	abdomen	pac
<b>Helical Set 3</b>	body	thickness			recon	
<b>5 min</b>	recon	part	spacing	kernel	window	
					destination	
	1	abd/pel thin	0.8mmx0.8mm	Br40	abdomen	pac
<b>IV contrast volume/rate</b>	100ml if <250lbs 150ml if > 250lbs isovue 370/ 400ml saline					
	Performed as directed by a 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		
<b>NOTE*</b>	*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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