

IVP 64 Sensation Split delay

Indications	For hematuria, frequent UTI's, bladder ca, renal ca																
Diagnostic Task	Detect masses, location of stones																
Scan Mode	Helical																
Position/Landmark	2cm superior to xiphoid/Inspiration																
Topogram	AP 50mA 120kV																
kVp/Reference mass	120kV 200mas																
Rotation time/pitch	0.5/0.8																
Detector Configuration	24x1.2																
Table Speed/Increment	23.04																
Dose reduction	CareDose 4D																
Allowed CTDI ranges*	7mGy-50mGy																
XR29 Dose Notification value	50mGy																
	2-3 glasses of water prior to scan																
	NO CT KUB if patient has had one in last 60 days and images available																
Helical Set #1	body thickness recon																
Non contrast	recon part spacing kernel window destination																
	1 abd/pelvis 2mmx 2mm 31medium smooth mediastinum pacs																
	50ml or 75ml*ISOVUE 370 WAIT 7min																
	50ml or 75ml* ISOVUE 370 @2cc/sec-then scan CT A/P with 120second delay																
	*weight based 100ml if <250lbs 150ml if > 250lbs isovue 370																
Helical Set 2	body thickness recon																
120sec delay	recon part spacing kernel window destination																
	1 abd/pelvis 2mmx 2mm 31medium smooth mediastinum pacs																
	2 abd/pelvis .6mmx .6mm 31medium smooth mediastinum pacs																
2ml/sec	3 coronal abdomen 2mmx2mm 31medium smooth mediastinum pacs																
	4 sag abdomen 2mmx2mm 31medium smooth mediastinum pacs																
	5 coronal MIP 5mmx2mm 31medium smooth mediastinum pacs																
Helical Set 3	body thickness recon																
5min	recon part spacing kernel window destination																
only done if ureters are inadequately opacified	1 abd/pelvis .6mmx .6mm 31medium smooth mediastinum pacs																
IV contrast volume/rate	100ml if <250lbs 150ml if > 250lbs isovue 370/ 400ml saline																
	Performed as directed by a supervising radiologist																
	Approximate Values for CTDIvol																
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Patient size</th> <th>weight(kg)</th> <th>weight(lbs)</th> <th>CTDIvol(mGy)</th> </tr> </thead> <tbody> <tr> <td>SMALL</td> <td>50-70</td> <td>110-155</td> <td>10-17</td> </tr> <tr> <td>AVERAGE</td> <td>70-90</td> <td>155-200</td> <td>15-25</td> </tr> <tr> <td>LARGE</td> <td>90-120</td> <td>200-265</td> <td>22-35</td> </tr> </tbody> </table>	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
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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.																

