

CT URINARY TRACT -PEDIATRIC	Renal stones or hematuria.
FORMS	Consent to Contrast Material Pregnancy Status Form (female patients) Medication Reconciliation Form
ORAL CONTRAST	NONE
IV CONTRAST	NONE
RECTAL CONTRAST	NONE UNLESS THE REFERRING PHYSICIAN REQUESTS
POSITIONING	SUPINE, FEET FIRST, ARMS UP & OUT OF WAY CENTER AT XYPHOID INSPIRATION BREATH-HOLD – IF POSSIBLE
SCOUT	S 60 / I 500 DEPENDENT ON WEIGHT (SEE CHART) 100-120 KVP @ 10 MA, AP ONLY
TECHNIQUE -16 SLICE	HELICAL; 5.0 MM; PITCH 1.375, STD W400/L40 SEE TECHNIQUE CHART BELOW SCAN FROM DIAPHRAGM THROUGH SYMPYSIS PUBIS.
TECHNIQUE - 64 SLICE	HELICAL; 0.625 MM; PITCH 1.375, STD W400/L40 SEE TECHNIQUE CHART BELOW SCAN FROM DIAPHRAGM THROUGH SYMPYSIS PUBIS.
TECHNIQUE – 128 SLICE	
TECHNIQUE - SIEMENS	
RECONS	16 SLICE: 1.25 MM/INT 0.625 MM, STD W400/L40 64 SLICE-2.5 MM, STD W400/L40 64 SLICE-2.5 MM, LUNG W1400/L-600
REFORMATIONS	CORONAL & SAGITTAL AVG 2.5/2.5, W400/L40
PACS	SCOUT 2.5 MM - UT 2.5 MM - LUNG ABD COR & ABD SAG
CHARGE	CT URINARY TRACT
REMARKS	

CT ABDOMEN/PELVIS

COLOR KG/LBS/cm	SCANO LENGTH A/P	kV	Body mA Range	SCAN TIME	Noise index	SMART MA/AUTO MA	SFOV	CTDI RANGE	ASIR
1 PINK 6-7.4kg 13.0-16.4 lbs TRANS 10cm	200	100	50-135	0.4/0.5 sec	22.1	YES	Ped/Small Body		20% ASIR
2 RED 7.5-9.4 kg 16.5-20 lbs TRANS 12cm	220	100	50-145	0.4/0.5 sec	22.1	YES	Ped/Small Body		20% ASIR
3 PURPLE 9.5-11.4 kg 20.5-25.4 lbs TRANS 14cm	250	100	50-155	0.4/0.5 sec	22.1	YES	Small Body		20% ASIR
4 YELLOW 11.5-14.4kg 25.5-31.4 lbs TRANS 16cm	280	100	50-180	0.4/0.5 sec	24	YES	Small Body		30% ASIR
5 WHITE 14.5-18.4kg 31.5-41.4 lbs TRANS 18cm	325	100	50-230	0.4/0.5 sec	24	YES	Small Body		30% ASIR
6 BLUE 18.5-22.4kg 40.5-49.4 lbs TRANS 20cm	370	100	50-230	0.4/0.5 sec	27	YES	Small Body		30% ASIR
7 ORANGE 22.5-31.4kg 49.5-69.4 lbs TRANS 22cm	410	120	50-110	0.5 sec	28	YES	Large Body		STD 30% ASIR

8 GREEN 31.5-40.5kg 69.5-88.4 lbs TRANS 24cm	460	120	70- 120	0.5 sec	30	YES	Large Body	40% ASIR
9 BLACK 40.5-55kg 88.5-121 lbs TRANS 28cm	520	120	70-240	0.5 sec	36	YES	Large Body	40% ASIR