

PATIENT NAME: [patient name]

EXAM DATE: [exam date] **AGE:** [age] **SEX:** [sex] **I.D.#:** [patient I.D.]

CT UROGRAM W/WO	SALINE INJECTION TECHNIQUE- <u>for Dual injectors only</u>
CONSENT FORMS	Consent to Contrast Material Pregnancy Status Form (Female Patients)
ORAL CONTRAST	8 OZ OF WATER AT TABLE BEFORE SCANNING
IV CONTRAST DUAL INJECTOR	2.5 CC/SEC FOR 150 CC CONTRAST/ 200 CC SALINE
POSITIONING	Have pt post void before putting on table. SUPINE; FEET FIRST; ARMS UP IF POSS; CENTER AT XYPHOID, INSPIRATION BREATH HOLD
SCOUT	S60/I 500, 120 KVP @ 10 MA, AP & LAT
TECHNIQUE - 16/64/128 SLICE/ NONCONTRAST	HELICAL 2.5 MM, STD W400/L40 120 KVP @ 200 MA - 40% ASIR SFOV - LG BODY/DFOV - 36 CM (FIT TO ANATOMY) SCAN FROM DOME OF LIVER TO PELVIC BRIM
TECHNIQUE – 16/64/ 128 SLICE NEPHROGRAPHIC PHASE	HELICAL; 2.5 MM, STD W400/L40 KVP 120 @ AUTO/SMART MA - 40% ASIR SFOV - LG BODY/DFOV - 36 CM (FIT TO ANATOMY) DELAY 90 SEC, SCAN FROM DOME OF LIVER THRU ISCHIAL TUBEROSITIES.
RECONS – NEPHROGRAPHIC PHASE	16 SLICE: 1.25 MM/INT 0.625 MM, STD W400/L40 FULL SCAN ONLY (DMPR) 64 SLICE: 0.625 MM, STD W400/L40 - FULL SCAN (DMPR)
REFORMATIONS- NEPHROGRAPHIC PHASE	CORONAL & SAGITTAL AVG 2.5MM/2.5MM, W400/L40
TECHNIQUE - 10 MIN DELAY	HELICAL; 2.5 MM, STD W400/L40, KVP 120 @ AUTO/SMART MA 40% ASIR SFOV-LG BODY/DFOV 36 CM (FIT TO ANATOMY) DELAY 15 MINUTES.

	SCAN FROM DOME OF LIVER THRU ISCHIAL TUBEROSITIES.
TECHNIQUE – DELAY IF URETERS NOT VISIBLE, CHECK WITH Dr. Kinder IF DELAY IS NEEDED.	HELICAL; 2.5 MM, STD W400/L40, KVP 120 @ AUTO/SMART MA 40% ASIR SFOV-LG BODY/DFOV 36 CM (FIT TO ANATOMY) SCAN FROM THRU AREA OF URETERS NOT VISIBLE DOWN THRU BLADDER
RECONS – EXCRETORY PHASE	16 SLICE: 1.25 MM/INT 0.625 MM, STD W400/L40 FULL SCAN ONLY (DMPR) 64/128 SLICE: 0.625 MM, STD W400/L40 - FULL SCAN (DMPR) 2.5 MM, LUNG W1400/-600
REFORMATIONS- EXCRETORY PHASE	CORONAL OF FULL ABD ANGLE TO L SPINE - MIP 8 MM THICK/6 MM SPACING, W600/L100 3D OF KIDNEY/URETERS/BLADDER - 360 DEGREE ROTATION FROM RIGHT TO LEFT
PACS	SCOUT 2.5 MM STD – ABD WO 2.5 MM STD – PVP 2.5 MM STD - UROGRAM 2.5 MM LUNG COR & SAG ABD – NEPHROGRAPHIC PHASE URO MIP 3D UROGRAM DELAY (only if done) 3D DELAY SERIES
CHARGE	UROGRAM WITH AND WO
REMARKS	– Sectra chat with Dr. Kinder – If he is not available this is his comment: <i>“If I’m not around or there are time or other constraints, feel free to proceed as you normally do. I would just encourage techs to not to do additional imaging if it’s just a short segment of one or even both ureters, especially if it’s a young patient.”</i>

CT UROGRAM WITH/WO	SALINE DRIP PROTOCOL- <u>single injectors only</u>
CONSENT FORMS	Consent to Contrast Material Pregnancy Status Form (Female Patients)
ORAL CONTRAST	8 OZ OF WATER AT TABLE BEFORE SCANNING
IV CONTRAST SINGLE INJECTOR	2.5 CC/SEC 150CC CONTRAST/200CC SALINE DRIP
POSITIONING	Have pt post void before putting on table. SUPINE; FEET FIRST; ARMS UP IF POSS; CENTER AT XYPHOID, INSPIRATION BREATH HOLD
SCOUT	S60/I 500, 120 KVP @ 10 MA, AP S60/I 500, 120 KVP @ 10 MA, LAT
TECHNIQUE - 16/64/128 SLICE NONCONTRAST	HELICAL; 2.5 MM, 120 KVP @ 80 MA STD W400/L40, INSPIRATION BREATH HOLD SFOV -LG BOD/DFOV - 36 CM (FIT TO ANATOMY) INSPIRATION BREATH HOLD SCAN FROM DOME OF LIVER TO PELVIC BRIM
TECHNIQUE- 16/ 64/ 128 SLICE NEPHROGRAPHIC PHASE PHASE	HELICAL; 2.5 MM, , STD W400/L40 KVP 120 @ AUTO/SMART MA, 40% ASIR SFOV - LG BODY/DFOV - 36 CM (FIT TO ANATOMY) DELAY 90 SEC, SCAN FROM DOME OF LIVER THRU ISCHIAL TUBEROSITIES.
RECONS – NEPHROGRAPHIC PHASE	16 SLICE: 1.25 MM/INT 0.625 MM, STD W400/L40 FULL SCAN ONLY (DMPR) 64/128 SLICE: 0.625 MM, STD W400/L40 - FULL SCAN (DMPR)
REFORMATIONS- NEPHROGRAPHIC PHASE	CORONAL & SAGITTAL AVG 2.5MM/2.5MM, W400/L40
TECHNIQUE – 16/64/128 SLICE 10 MIN DELAY	HELICAL; 2.5 MM, STD W400/L40, KVP 120 @ AUTO/SMART MA - 40% ASIR, SFOV-LG BODY/DFOV - 36 CM (FIT TO ANATOMY) DELAY 15 MINUTES,

	SCAN FROM DOME OF LIVER THRU ISCHIAL TUBEROSITIES
TECHNIQUE – DELAY IF URETERS NOT VISIBLE, CHECK WITH Dr. Kinder IF DELAY IS NEEDED.	HELICAL; 2.5 MM, STD W400/L40, KVP 120 @ AUTO/SMART MA 40% ASIR SFOV-LG BODY/DFOV 36 CM (FIT TO ANATOMY) SCAN FROM THRU AREA OF URETERS NOT VISIBLE DOWN THRU BLADDER
RECONS –EXCRETORY PHASE	2.5 MM, LUNG W1400/-600 16 SLICE: 1.25 MM/INT 0.625 MM, STD W400/L40 FULL SCAN ONLY (DMPR) 64/128 SLICE : 0.625 MM, STD W400/L40 - FULL SCAN (DMPR)
REFORMATIONS- EXCRETORY PHASE	CORONAL OF FULL ABD ANGLE TO LSPINE - MIP 8 MM THICK/6 MM SPACING, W600/L100 3D OF KIDNEY/URETERS/BLADDER - 360 DEGREE ROTATION FROM RIGHT TO LEFT
PACS	SCOUT 2.5 MM STD – ABD WO 2.5 MM STD – PVP 2.5 MM STD - UROGRAM 2.5 MM LUNG COR & SAG ABD – NEPHROGRAPHIC PHASE URO MIP 3D UROGRAM DELAY (only if done)
CHARGE	CT UROGRAM WITH/WO CONTRAST USED
REMARK	– Sectra chat with Dr. Kinder – If he is not available this is his comment: <i>“If I’m not around or there are time or other constraints, feel free to proceed as you normally do. I would just encourage techs to not to do additional imaging if it’s just a short segment of one or even both ureters, especially if it’s a young patient.”</i>

CT PREPS	All CT contrast patients should be NPO for 4 hours before their exam. All patients should drink plenty of water before their exam
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<p>Routine Abdomen and Pelvis</p>	<p>For: Diverticulitis, pain, pancreatitis, appendicitis, elevated labs or cancer (not for adrenal, liver, GIST, stromal, or pancreas cancer). Outpatients: Patients are to receive one 50 ml bottle of Omni 140, consent form, and prep sheet. Patient to mix Omni 140 50 cc into 32 oz water. Drink half the mixture 2 hours prior to exam. Drink last half of mixture 1 hour prior to exam Inpatients: Mix Omni 140 50 cc into 32 oz of water. Drink half of mixture two hours prior to exam. Drink last half of mixture one hour prior to exam. ER patients: only if doctor requests- Mix Omni 140 50 cc into 32 oz of water- Drink half of mixture an hour prior to exam. Drink last half of mixture 30 minutes prior to exam</p>
<p>Abdomen CT's</p>	<p>For Stomach (stromal) cancer, small bowel evaluation, GIST, stomach mass, Crohn's. Patients receive 2 bottles of Volumen. Drink one bottle 2 hours prior to exam. Drink one bottle 1 hour prior to exam. For CT Enterography: Patients should arrive 1.5 hours early to drink Volumen prep. Drink one bottle of Volumen every 20 minutes for the hour before their exam.</p>
<p>Gastric Bypass Protocol</p>	<p>For: Patients who have had gastric bypass. Mix Omni 140 50 cc into 32 oz of water- Patients to drink 8 oz mixture of Omni 140 and water an hour before exam. The second dose (8oz) of mixture will be given just before getting on the table.</p>
<p>Pancreas Evaluations</p>	<p>For: Mass, cysts, recurrent pancreatitis, history of pancreatitis who has had a routine CT abdomen already done. Patient to drink 64 oz of water the hour before their exam.</p>
<p>All Triphase Renal/ Dual Adrenal/Dual Liver</p>	<p>For: Renal/Adrenal/Liver), mass, cyst, hepatitis C, and/or Adrenal/Liver Cancer. Water prep. Patients are to start drinking at least 64 oz of water the hour before their exam. For Renal Cancer follow-up: Mix Omni 140 50 cc into 32 oz of water- Drink half of mixture two hours prior to exam. Drink last half of mixture one hour prior to exam.</p>
<p>UT/Urogram/Hernia/ Abdomen with/wo & pelvis with (GI vs stones)</p>	<p>For: Stone, hernia, hematuria Water prep Urogram – AM appointment- 2 glasses of water before exam PM appointment- 6 to 8 glasses of water before exam</p>