

 University Health™	Policy #: Rad Proc 13.14.5
SUBJECT: CT Abdomen/Pelvis Renal Stone 6.5	Effective: 10/2013 Reviewed: 03/07/2017
APPROVED BY: Body Imaging Medical Director	Page 1 of 1

Purpose: To provide computed tomography staff with the required protocol for performing CT Abdomen/Pelvis for Renal Stone

Scope: All adult patients 18 years and older.

Clinical Indication: Abdominal pain, flank pain, hematuria

Patient Preparation: Clear liquid diet (6 hours prior to exam)

Orientation: Feet First and Prone

Breathing: Inspiration

Oral Contrast: None

IV Contrast per Weight: None

Coverage: Dome of diaphragm through ischial tuberosities

Anatomic Reference: Xiphoid process;

Scan Delay: None

Group 1: Non Contrast – Dome of diaphragm through ischial tuberosities

Scan Mode	Thickness Speed Pitch	Table Interval	SFOV	kVp	Auto mA/ Noise Index	Prep Time (sec)	Recon Type
LS 16 0.8 sec Helical Full	5 27.50 1.375:1	5	Large	120	80-440 11.5	None	Standard
VCT 0.8 sec Helical Full	5 55.00 1.375:1	5	Large	120	80-600 11.5	None	Standard
AS 64 0.5 sec Helical	5 1	5	380	120	Ref MAS 250	None	Standard

Algorithm: Recon 1 & 2 Standard

Reformation: 2.0 Sagittal and Coronal reformations of the entire exam

Network: Recon 1 (5mm) to PACS. Recon 2 (1.25) auto transmit to AWSERV

Notes: Auto mA must be on and mA table checked prior to scanning.