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|  University Health™ | Policy #: Rad Proc 13.14.6 |
| SUBJECT: CT Abdomen/Pelvis Renal Stone 6.6 | 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 for very large patient above 275 pounds

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 (if possible)

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 | 200-440 11.5 | None | Standard |
| VCT 0.8 sec Helical Full | 5 55.00 1.375:1 | 5 | Large | 120 | 200-600 11.5 | None | Standard |
| AS 64 0.5 sec Helical | 5 1 | 5 | 380 | 120 | Ref MAS 350 | 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 and Care Dose must be on and mA table checked prior to scanning.