

 <b>University Health™</b>	<b>Policy #: Rad Proc 13.14.14</b>
<b>SUBJECT: CT Abdomen/Pelvis Non Contrast 6.14</b>	<b>Effective: 10/2013 Reviewed: 03/07/2017</b>
<b>APPROVED BY: Body Imaging Medical Director</b>	<b>Page 1 of 1</b>

**Purpose:** To provide computed tomography staff with the required protocol for performing CT Abdomen and Pelvis non contrast.

**Scope:** All adult patients 18 years and older.

**Clinical Indication:** Abdominal pain

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

**Orientation:** Feet first

**Breathing:** Inspiration

**Oral Contrast:** 800-1000ml 90-120 minute drinking period (see proc. 6.12.1)

**IV Contrast per Weight:** None

**Coverage:** Dome of diaphragm through ischial tuberosities

**Anatomic Reference:** Xiphoid process

**Scan Delay:** None

**Group 1: Non Contrast Abdomen – 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	Smart Prep	Standard
VCT 0.8 sec Helical Full	5 55.00 1.375:1	5	Large	120	80-600 11.5	Smart Prep	Standard
AS 64 0.5 sec Helical	5 1	5	380	120	Ref MAS 250	Care Bolus	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