

CTA PELVIS	Evaluate before Prostate Embolization
FORMS	Consent to Contrast Material
ORAL CONTRAST	NONE
PATIENT PREPARATION- Always remove metal from area of interest- EKG, zippers, buttons, jewelry, ect.	PT IS TO RECEIVE ONE DOSE OF SUBLINGUAL NITROGLYCERIN 5-MINUTES PRIOR TO EXAM. – check with the following parameters before giving: CHECK PT BLOOD PRESSURE- Do not give Nitroglycerin, if SBP < 90mmHg or 30 mmHg < baseline. IF PT ON PHOSPHODIESTERASE (PDEI/PDE5) INHIBITORS- <u>NO NITROGLYCERIN TO BE GIVEN</u> - Viagra/Cialis (Nitroglycerin can cause severe hypotension, if taken with a PDEI).
IV CONTRAST	4-5 CC/SEC FOR 125 CC/NS 50 CC - ARTERIAL PHASE <u>NEVER LOWER THE CONTRAST DOSE.</u>
POSITIONING	SUPINE, FEET FIRST; ARMS UP & OUT OF WAY; CENTER AT ILIAC CREST; INSPIRATION BREATH-HOLD
SCOUT	S60 / 350, 120 KVP @ 10 MA, AP& LAT
TECHNIQUE – 64 SLICE ARTERIAL	HELICAL; 1.25 MM, STD W800/L100 IVP 120 @ AUTO/SMART MA-40% ASIR, SFOV-LG BODY/DFOV-FIT TO ANATOMY ROI IN THE DESCENDING AORTA- HU 200- 15 SEC DIAGNOSTIC DELAY SCAN TOP ILIAC CREST THROUGH ISCHIAL TUBEROSITIES
TECHNIQUE – 128 SLICE	
RECONS	0.625 MM STD W800/L100- DMPR FOR 3D 0.625MM STD W400/L40 –CONED IN VIEW – REFER TO DIAGRAM FOR DFOV GUIDANCE

	IF METAL – MAR RECON
REFORMATIONS	3D - 360 DEGREES RT TO LT & 360 DEGREES END OVER END
PACS	SCOUT 1.25 MM – CTA 0.625 MM CONED VIEW 3D VIEWS 1.25 MM MAR RECON- IF NEEDED
CHARGE	CTA PELVIS WITH CONTRAST
REMARKS	PT TO BE SCREENED FOR PHOSPHODIESTERASE INHIBITORS. IF PT HAS METAL IN PELVIS FROM PRIOR SURGERIES/IMPLANTS (SUCH AS HIP REPLACEMENT, LOWER SPINE HARDWARE, PELVIS HARDWARE, ECT - PT IS TO BE DONE OVER AT THE HOSPITAL.



