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| <b>CTA CHEST ABDOMEN<br/>PELVIS<br/>TRAM FLAP</b> | Evaluate for deep inferior epigastric vessels for pre-tram surgery  |
| INDICATION:                                       | Pre-Tram surgery  |
| FORMS   | Consent to Contrast Material<br>Pregnancy Status Form (Female Patients)<br>Medication Reconciliation Form (Outpatients)   |
| ORAL CONTRAST                                     | NONE  |
| IV CONTRAST                                       | 4-5 CC/SEC FOR 125 CC/NS 50 CC  |
| POSITIONING                                       | SUPINE, FEET FIRST; ARMS UP ON FOREHEAD;<br>CENTER AT STERNAL NOTCH;<br>INSPIRATION BREATH-HOLD   |
| SCOUT   | S60 / I 500, 120 KVP @ 10 MA, AP & LAT  |
| TECHNIQUE – 16 SLICE<br>ANGIO                     | HELICAL; 0.625 MM, STD W400/L40<br>120 KVP @ AUTO/SMART MA – 40% ASIR<br>SFOV – LG BODY/DFOV-FIT TO ANATOMY<br><br>SMART PREP- ROI COMMON FEMORAL ARTERY (APPROXIMATELY MID-ACETABULUM OF HIP)<br>SCAN FROM PUBIC BONE TO 1 <sup>ST</sup> RIB |
| TECHNIQUE – 64 SLICE<br>ANGIO                     | HELICAL; 0.625 MM, STD W400/L40<br>KVP 120 @ AUTO/SMART MA-40% ASIR<br>SFOV- LG BODY/DFOV-FIT TO ANATOMY<br><br>SMART PREP- ROI COMMON FEMORAL ARTERY (APPROXIMATELY MID-ACETABULUM OF HIP)<br>SCAN FROM PUBIC BONE TO 1 <sup>ST</sup> RIB    |

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| TECHNIQUE – 128 SLICE | <p>HELICAL; 0.625 MM, STD W400/L40<br/> KVP 120 @ AUTO/SMART MA-40% ASIR<br/> SFOV- LG BODY/DFOV-FIT TO ANATOMY</p> <p>SMART PREP- ROI COMMON FEMORAL<br/> ARTERY (APPROXIMATELY MID-<br/> ACETABULUM OF HIP)<br/> SCAN FROM PUBIC BONE TO 1<sup>ST</sup> RIB</p> |
| RECONS                | <p>16 SLICE-2.5 MM, STD W400/L40<br/> 16 SLICE-2.5 MM LUNG W 1400/L-600<br/> 64 SLICE-2.5 MM, STD W400/L40<br/> 64 SLICE-2.5 MM, LUNG W1400/L-600</p>   |
| REFORMATIONS          | <p>CORONALS &amp; SAGITTAL MIPs, 2.5 THICK &amp;<br/> 12.5 SPACING, W800/L100<br/> CORONAL 0.625MM AVG, W400/L40</p>  |
| PACS                  | <p>SCOUT<br/> 2.5 MM -CTA<br/> 2.5 MM - LUNG<br/> CTA TDAP, COR ABD THIN, COR TRAM FLAP,<br/> SAG TRAM FLAP<br/> 0.625 MM – THINS AXIAL</p>   |
| CHARGE                | CTA CHEST ABDOMEN PELVIS TRAM FLAP  |
| REMARKS               | <p>MAKE SURE AND REVERSE SERIES FOR<br/> SUPERIOR TO INFERIOR IMAGING<br/> Tera Recon= use Aorta 4D, then template scroll<br/> down to surface to give images of the skin surface.</p>  |
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