

# Quantum Imaging and Therapeutic Associates

## Renal Donor CTA – Toshiba Aquilion One / 64

|                           |  |
|---------------------------|--|
| Indications               | Renal donor preoperative exam  |
| Position / Landmark       | Supine / Xiphoid   |
| Scan Type                 | Helical  |
| Start / End Locations     | Noncontrast: 1 cm above diaphragm / lesser trochanters<br>CTA: 1 cm above diaphragm / 2 cm below bifurcation |
| FOV                       | 38 cm (or as small as feasible)  |
| kV / mA                   | 120 kV / Sure Exposure   |
| Slice Thickness/Interval  | Noncontrast: 5 mm x 5 mm<br>CTA: 2.5 mm x 2.5 mm   |
| IV Contrast Volume / Rate | Do noncontrast, then hand inject 25 cc Omni 350<br>Wait 10 minutes, then 75 cc Omni 350 @ 4 cc/s for CTA     |
| Scan Delay / Sure Start   | Noncontrast: N/A<br>CTA: Sure Start ROI in aorta at celiac artery  |
| Oral Contrast             | None   |
| MPR                       | Coronal and sagittal CTA 2.5 mm x 2.5 mm, volume rendering of renal arterial anatomy in 15 degree intervals  |
| Images to PACS            | Scouts, axial noncontrast soft tissue, axial CTA (soft), MPR   |
| Comments / Special        | N/A  |