**Indications:** Decreased pulses in upper extremity, vascular injury, discoloration, peripheral artery disease, dialysis access.

**Oral Contrast:** None

**IV Contrast:** [Link to Contrast Information]
- Rate (mL/sec): 4
- Volume (mL): 100

**IV Access:**
- Power injection: 20g or larger in large vein (prefer AC fossa or forearm)

**Notes:**
- Place IV in opposite arm of interest

**Other Contrast:** None

**Airway**

**Other Notes**
- Read by VIR division
- Consult body habitus kVp selection chart.
- Position with arms above head if possible.
- Use bolus tracking with the threshold set around 100 HU at the aortic arch (send bolus tracker to PACS)

**Acquisitions:** 1

<table>
<thead>
<tr>
<th>Acq # / Series Name</th>
<th>Phase Timing</th>
<th>Coverage</th>
<th>FOV</th>
<th>Algorithm</th>
<th>Axial Recons</th>
<th>Other Planar Recons</th>
<th>MIP Recons</th>
<th>DECT Philips</th>
<th>DECT Siemens</th>
<th>PC-CT Siemens</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Early Arterial</td>
<td>Bolus tracking</td>
<td>Bottom of aortic arch to fingertips</td>
<td>Whole body (both arms)</td>
<td>Soft Tissue</td>
<td>2 mm, 0.5 mm</td>
<td>2 mm coronal and sagittal</td>
<td>7x2mm axial</td>
<td>†DECT Philips</td>
<td>†DECT Siemens</td>
<td>†PC-CT Siemens</td>
</tr>
</tbody>
</table>

† When dual energy (DE) or photon counting (PC) CT is used