**PET/CT Skull to Thigh**

Patient is positioned Supine with arms above their head.

**Non Contrast:**
- Begin: Above frontal sinus
- End: Mid Thighs

**IV Contrast:** Venous 60 sec delay
- Begin: Above frontal sinus
- End: Mid Thighs

Up to 150 mL & 2mL/sec preferred injection rate
Amount determined by weight/renal function

<table>
<thead>
<tr>
<th>CT Scan</th>
<th>Algorithm</th>
<th>Soft Tissue</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A</strong></td>
<td>Thickness</td>
<td>5 mm</td>
</tr>
<tr>
<td></td>
<td>Spacing</td>
<td>5 mm</td>
</tr>
<tr>
<td></td>
<td>FOV</td>
<td>600 (do not adjust)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>A1</strong></th>
<th>Algorithm</th>
<th>Soft Tissue</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Thickness</td>
<td>5 mm</td>
</tr>
<tr>
<td></td>
<td>Spacing</td>
<td>5 mm</td>
</tr>
<tr>
<td></td>
<td>FOV</td>
<td>Patient largest + 4cm</td>
</tr>
</tbody>
</table>

**B Scan**
- **B**
  - Algorithm: Soft Tissue
  - Thickness: 3 mm
  - Spacing: 3 mm
  - FOV: Patient largest + 4cm

**B1**
- Algorithm: Lung Tissue
- Thickness: 3 mm
- Spacing: 3 mm
- FOV: Patient largest + 4cm

**B Scan** is a Full Inspiration Chest CT.
Scan is only needed when contrast is given unless protocolled otherwise.

**PET Scan**
- Pharmaceutical: FDG
- Time per bed stop: 2:00
- Time per bed stop Lg pt: 2:45
- FOV: 576
- Reconstruction protocol: Body-ctac-nac_s_lorcln

**Special Instructions:**
CT Scan box A and PET Scan boxes must be aligned on the top and the bottom of the boxes. Do not adjust FOV on CT Scan A.

*Exception:* In cases of a Mesothelioma diagnosis, Scan A and B should be flipped. Scan B should be completed first with the IV Contrast. Scan A should follow with residual contrast.