Temporal Bones 09/17/2014

Setup:
1. Supine, AP and lateral scouts, no gantry angle
2. Patient Positioning: Tilt the patients head so that a line connecting the lateral canthus of the eye and the EAC is perpendicular to the CT tabletop
3. Start scan just inferior to the skull base and scan through the entire IAC’s, with the lens shield

DFOV: Preferred 15cm (Range 14-20)

Contrast at the discretion of the Radiologist

<table>
<thead>
<tr>
<th>Scanner</th>
<th>Perspective 64</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scan Type</td>
<td>Spiral</td>
</tr>
<tr>
<td>Rotation Time (sec)</td>
<td>0.6</td>
</tr>
<tr>
<td>Detector Configuration</td>
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</tr>
<tr>
<td>Pitch</td>
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<tr>
<td>Age</td>
<td>0-14</td>
</tr>
<tr>
<td>kVp</td>
<td>110</td>
</tr>
<tr>
<td>Quality ref mAs</td>
<td>90</td>
</tr>
<tr>
<td>Care Dose 4D</td>
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</tbody>
</table>

15 and older use adult protocol

PACS Series Order:
• Supine Topogram
• Axial ST
• Axial Bone
• RT Axial Bone
• LT Axial Bone
• Coronal Bone
• Coronal ST
• RT Coronal Bone
• LT Coronal Bone
• RT Obl Coronal
• RT Obl Sag
• LT Obl Coronal
• LT Obl Sag

Red line indicates correct oblique coronal plane
White line indicates correct oblique sagittal plane
<table>
<thead>
<tr>
<th>Soft Tissue Axial</th>
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<tbody>
<tr>
<td>Algorithm/ Kernel</td>
<td>J37s</td>
<td></td>
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<tr>
<td>SAFIRE</td>
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</tr>
<tr>
<td>Slice thickness (mm)</td>
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<td></td>
</tr>
<tr>
<td>Slice Increment (mm)</td>
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<td>Algorithm/ Kernel</td>
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</tr>
<tr>
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<tr>
<td>Slice Increment (mm)</td>
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