

# IAC'S COMPLETE Siemens GO

<b>Indications</b>	ha, ear pain, dizziness, hearing loss																																																																											
<b>Diagnostic Task</b>	Detect fluid in ear, masses in ears																																																																											
<b>Scan Mode</b>	Helical																																																																											
<b>Position/Landmark</b>	Head first-supine at chin																																																																											
<b>Topogram</b>	lateral 30mA 130kVp																																																																											
<b>KV/Reference mAs</b>	130kV 317mA																																																																											
<b>Rotation time/Pitch</b>	1.0/0.55																																																																											
<b>Detector Configuration</b>	32x0.7																																																																											
<b>Table Speed/Increment</b>	12.32																																																																											
<b>Dose Reduction</b>	Care dose 4d																																																																											
<b>Allowed CTDI ranges*</b>	30mGy-80mGy																																																																											
<b>XR29 Dose notification</b>	80mGy																																																																											
<b>Helical Set SUPINE</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>recon</th> <th>body part</th> <th>thickness spacing</th> <th>kernel</th> <th>window</th> <th>recon destination</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>IAC ST</td> <td>bilat</td> <td>2mmx2mm</td> <td>Hr40</td> <td>mediastinum</td> <td>pac</td> </tr> <tr> <td>2</td> <td>IAC bone</td> <td>bilat</td> <td>0.6mmx 0.6mm</td> <td>Hr64</td> <td>Osteo</td> <td>pac/recon/TR</td> </tr> <tr> <td>3</td> <td>Rt IAC</td> <td>axial</td> <td>0.6mmx 0.6mm</td> <td>Hr64</td> <td>Osteo</td> <td>pac/recon</td> </tr> <tr> <td>4</td> <td>Lt IAC</td> <td>axial</td> <td>0.6mmx0.6mm</td> <td>Hr64</td> <td>Osteo</td> <td>pac/recon</td> </tr> <tr> <td>5</td> <td>IAC coronal</td> <td>bilat</td> <td>0.6mmx 0.6mm</td> <td>Hr64</td> <td>Osteo</td> <td>pac</td> </tr> <tr> <td>6</td> <td>Rt IAC</td> <td>COR</td> <td>0.6mmx 0.8mm</td> <td>Hr64</td> <td>Osteo</td> <td>pac</td> </tr> <tr> <td>7</td> <td>Lt IAC</td> <td>Cor</td> <td>0.6mmx0.6mm</td> <td>Hr64</td> <td>Osteo</td> <td>pac</td> </tr> <tr> <td><b>IF SSC</b></td> <td>8</td> <td>oblique of Stenver</td> <td>0.6mmx0.6mm</td> <td>Hr64</td> <td>Osteo</td> <td>pac</td> </tr> <tr> <td><b>IF SSC</b></td> <td>9</td> <td>oblique of Poschi</td> <td>0.6mmx0.6mm</td> <td>Hr64</td> <td>Osteo</td> <td>pac</td> </tr> </tbody> </table>							recon	body part	thickness spacing	kernel	window	recon destination	1	IAC ST	bilat	2mmx2mm	Hr40	mediastinum	pac	2	IAC bone	bilat	0.6mmx 0.6mm	Hr64	Osteo	pac/recon/TR	3	Rt IAC	axial	0.6mmx 0.6mm	Hr64	Osteo	pac/recon	4	Lt IAC	axial	0.6mmx0.6mm	Hr64	Osteo	pac/recon	5	IAC coronal	bilat	0.6mmx 0.6mm	Hr64	Osteo	pac	6	Rt IAC	COR	0.6mmx 0.8mm	Hr64	Osteo	pac	7	Lt IAC	Cor	0.6mmx0.6mm	Hr64	Osteo	pac	<b>IF SSC</b>	8	oblique of Stenver	0.6mmx0.6mm	Hr64	Osteo	pac	<b>IF SSC</b>	9	oblique of Poschi	0.6mmx0.6mm	Hr64	Osteo	pac
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<b>Scan Start/End</b>	1cm inferior to mastoid tip/1cm superior to petrous bones																																																																											
<b>DFOV</b>	25 cm bilat/ 10cm lt and rt mags																																																																											
<b>IV contrast volume/rate</b>	80ml under 250lbs 100ml over 250lbs isovue 370 2cc/sec																																																																											
	Performed as directed by a supervising radiologist																																																																											
<b>Scan Delay</b>	65 seconds																																																																											
<b>NOTE*</b>	The Diagnostic Reference Dose (CTDI vol) is 75mGy(with 16cm CTDI phantom). The pass/fail limit (ACR and Washington state) is 80mGy. Most routine head scans on modern scanners have CTDIvol ranges between 40 and 60mGy.																																																																											
	*The AAPM recommended NEXA XR29 Dose Notification Value for an adult head is 80mGy. The maximum CTDIvol should match the dose notification value. Exams with CTDI vol values less than the minimum allowed range should not be performed unless approved by a radiologist.																																																																											