

# Routine Face 64 Toshiba

Indications	<b>Trauma, Pain, Swelling</b>																														
Diagnostic Task	<b>Detect fractures, edema, masses, or infection of the face</b>																														
Scan mode	Helical																														
Position/Landmark	Head -Supine																														
Topogram	Lat 50mA 120kV																														
kVp/Reference mass	Sure Exp 3D(40-300)																														
Rotation time/pitch	0.75/0.656																														
Detector Configuration	32x0.5																														
Table Speed/Increment	10.5																														
Dose reduction	Sure Exp 3D																														
Allowed CTDI ranges*	7mGy-50mGy																														
XR29 Dose Notification value	50mGy																														
Helical Set	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 30%;">body part</th> <th style="width: 20%;">thickness spacing</th> <th style="width: 20%;">algorithm</th> <th style="width: 10%;">recon destination</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>facial bones</td> <td>0.5mmx 0.5mm</td> <td>bone</td> <td>pac</td> </tr> <tr> <td>2</td> <td>facial soft tissue</td> <td>1mmx 1mm</td> <td>standard</td> <td>pac</td> </tr> <tr> <td>3</td> <td>coronal facial bones</td> <td>1mmx1mm</td> <td>bone</td> <td>pac</td> </tr> <tr> <td>4</td> <td>sag facial bones</td> <td>1mmx1mm</td> <td>bone</td> <td>pac</td> </tr> <tr> <td>5</td> <td>coronal facial soft tissue</td> <td>2mmx2mm</td> <td>standard</td> <td>pac</td> </tr> </tbody> </table>		body part	thickness spacing	algorithm	recon destination	1	facial bones	0.5mmx 0.5mm	bone	pac	2	facial soft tissue	1mmx 1mm	standard	pac	3	coronal facial bones	1mmx1mm	bone	pac	4	sag facial bones	1mmx1mm	bone	pac	5	coronal facial soft tissue	2mmx2mm	standard	pac
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Scan Start/end location	1cm superior to frontal sinus thru mandible																														
DFOV	25cm																														
angle	none																														
IV contrast volume/type	80ml under 250lbs 100ml over 250lbs isovue 370 2cc/sec if needed																														
Scan delay	60 seconds																														

**Mark rt side of face with BB.**

NOTE*	<p>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.</p> <p style="text-align: center;">*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.</p>
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