

ROUTINE FACE Siemens GO ALL

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|--------------------------|--|---------------------|-------------------|--------|-------------|-------------------|
| Indications | Trauma, Pain, Swelling | | | | | |
| Diagnostic Task | Detect fractures, edema, masses, or infection of the face | | | | | |
| Position/Landmark | Head first- Supine | | | | | |
| Scan Type | Helical | | | | | |
| Topogram Direction | Lateral 30mA 130kV | | | | | |
| KV/Effective mAs | 110kv 521mas | | | | | |
| Rotation time/pitch | 1.0/0.55 | | | | | |
| Detector Confituraiton | 32x0.7 | | | | | |
| table speed/Increment | 12.32 | | | | | |
| Dose Reduction | Cared dose 4D | | | | | |
| Allowed CTDI ranges* | 30mGy-80mGy | | | | | |
| XR29 Dose Notification V | 80mGy | | | | | |
| Helical Set-SUPINE | recon | body part | thickness spacing | kernel | window | recon destination |
| | 1 | facial bones | .6mmx .6mm | Hr60 | bone | pacs |
| | 2 | facial soft tissue | 1mmx 1mm | Hr44 | mediastinum | pacs |
| | 3 | Coronal soft tissue | 2mmx2mm | Hr44 | mediastinum | pacs |
| | 4 | Coronal bone | 1mmx1mm | Hr60 | bone | pacs |
| | 5 | Sag bone | 1mmx1mm | Hr60 | bone | pacs |
| Scan start/end | 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.

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| NOTE* | The Diagnositc 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. |

